

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
 Data File : BF090279.D
 Acq On : 28 Sep 2016 14:40
 Operator : UM/SJ
 Sample : PB93644BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Quant Time: Sep 29 11:29:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	127841	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	521373	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	283191	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	409145	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	251672	20.00	ng	-0.01
86) Perylene-d12	14.90	264	253752	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	1000480	127.56	ng	0.02
7) Phenol-d6	6.15	99	1316492	135.92	ng	0.01
23) Nitrobenzene-d5	7.05	82	765421	85.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	320240	131.81	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1240946	86.03	ng	-0.01
78) Terphenyl-d14	12.56	244	1122033	113.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	125879	29.58	ng	98
3) Pyridine	2.51	79	381346m	41.32	ng	
4) n-Nitrosodimethylamine	2.48	42	116208	42.19	ng	95
6) Aniline	6.14	93	332256	27.52	ng	# 79
8) 2-Chlorophenol	6.26	128	387396	42.93	ng	90
9) Benzaldehyde	6.01	77	40247	9.53	ng	99
10) Phenol	6.16	94	555622	48.52	ng	# 62
11) bis(2-Chloroethyl)ether	6.23	93	390210	43.70	ng	95
12) 1,3-Dichlorobenzene	6.41	146	394340	41.83	ng	97
13) 1,4-Dichlorobenzene	6.49	146	395430	41.08	ng	97
14) 1,2-Dichlorobenzene	6.65	146	380704	44.40	ng	96
15) Benzyl Alcohol	6.64	79	291144	50.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	429755	40.28	ng	89
17) 2-Methylphenol	6.76	107	317067	44.61	ng	97
18) Hexachloroethane	6.98	117	150500	43.84	ng	98
19) n-Nitroso-di-n-propylamine	6.91	70	271345	47.69	ng	96
20) 3+4-Methylphenols	6.92	107	411790	48.25	ng	96
22) Acetophenone	6.90	105	498671	39.66	ng	# 98
24) Nitrobenzene	7.07	77	428336	45.71	ng	92
25) Isophorone	7.31	82	791197	42.11	ng	97
26) 2-Nitrophenol	7.39	139	225370	48.84	ng	# 89
27) 2,4-Dimethylphenol	7.45	122	377451	46.04	ng	99
28) bis(2-Chloroethoxy)methane	7.54	93	526085	46.28	ng	99
29) 2,4-Dichlorophenol	7.63	162	310848	43.23	ng	86
30) 1,2,4-Trichlorobenzene	7.71	180	317862	44.25	ng	97
31) Naphthalene	7.79	128	1146630	46.19	ng	99
32) Benzoic acid	7.60	122	181203	32.20	ng	96
33) 4-Chloroaniline	7.85	127	195311	18.97	ng	# 92
34) Hexachlorobutadiene	7.91	225	164772	43.48	ng	97
35) Caprolactam	8.23	113	108814m	45.72	ng	
36) 4-Chloro-3-methylphenol	8.35	107	378782	46.60	ng	88
37) 2-Methylnaphthalene	8.48	142	754917	48.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	237491	36.54	ng	99
40) Hexachlorocyclopentadiene	8.63	237	201069	62.69	ng	99

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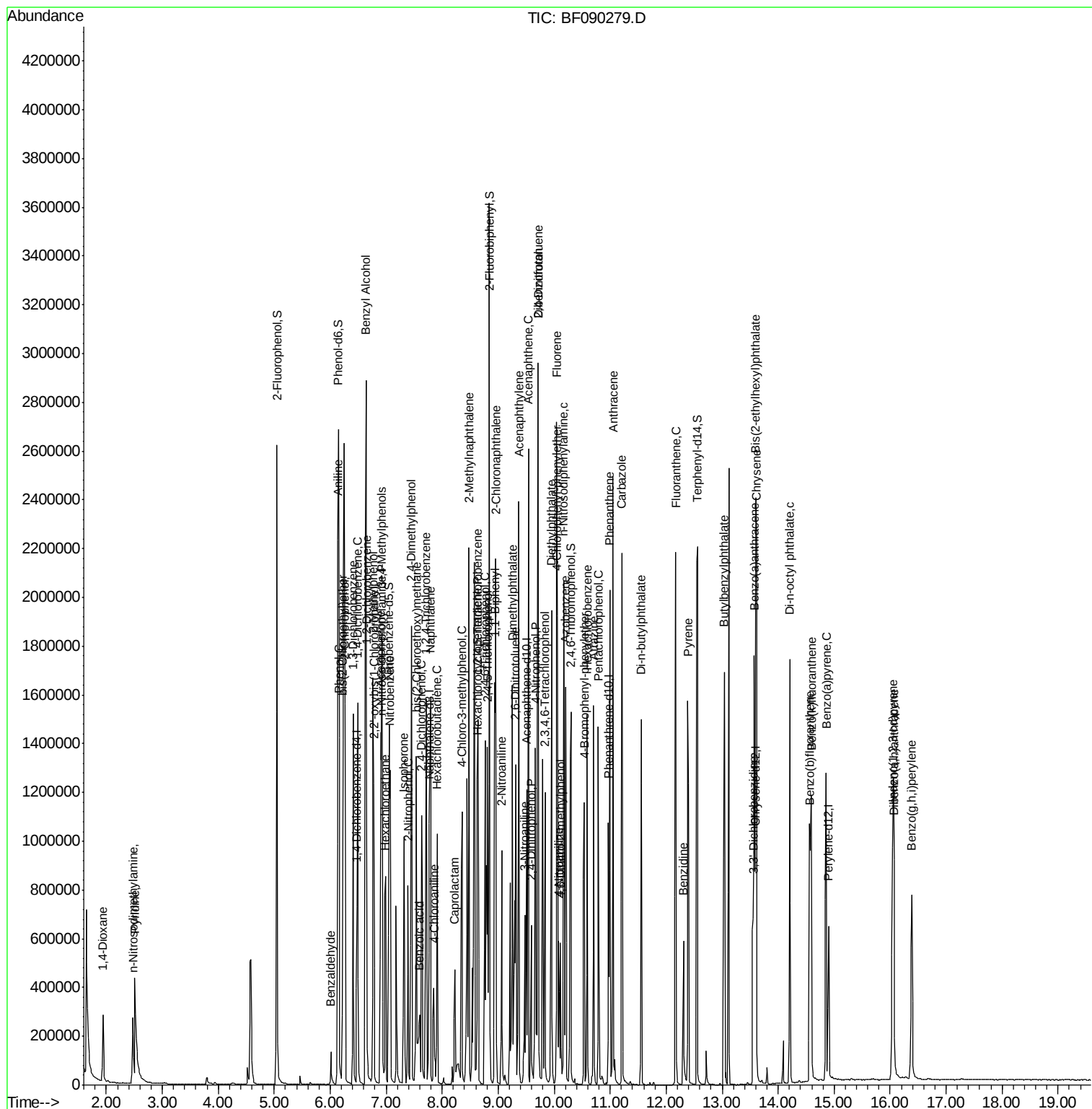
Quant Time: Sep 29 11:29:20 2016
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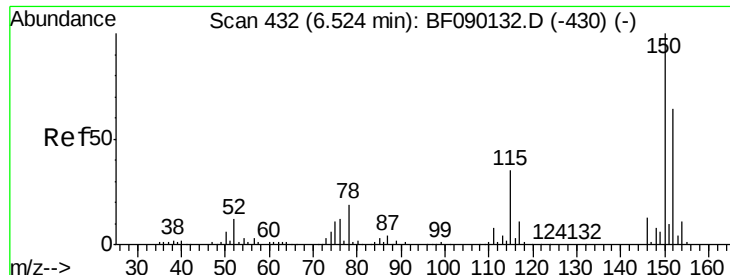
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.76	196	220449	47.59	nq	100
43) 2,4,5-Trichlorophenol	8.81	196	212834	44.37	nq #	95
45) 1,1'-Biphenyl	8.94	154	741102	36.58	nq	99
46) 2-Chloronaphthalene	8.96	162	632010	42.28	nq	99
47) 2-Nitroaniline	9.06	65	188962	41.93	nq	84
48) Acenaphthylene	9.37	152	1070938	44.12	nq	100
49) Dimethylphthalate	9.26	163	782120	43.36	nq	99
50) 2,6-Dinitrotoluene	9.31	165	189934	47.25	nq #	81
51) Acenaphthene	9.54	154	649443	45.07	nq	100
52) 3-Nitroaniline	9.47	138	135210	28.69	nq	99
53) 2,4-Dinitrophenol	9.59	184	122674	55.56	nq	93
54) Dibenzofuran	9.71	168	909520	47.97	nq	97
55) 4-Nitrophenol	9.67	139	233928	72.45	nq	87
56) 2,4-Dinitrotoluene	9.71	165	217583	45.77	nq	93
57) Fluorene	10.04	166	667502	46.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	172103	47.93	nq	97
59) Diethylphthalate	9.95	149	842311	48.35	nq	97
60) 4-Chlorophenyl-phenylether	10.06	204	289547	44.43	nq #	74
61) 4-Nitroaniline	10.08	138	179212	37.31	nq	86
62) Azobenzene	10.20	77	788596	43.49	nq	99
64) 4,6-Dinitro-2-methylphenol	10.11	198	78158	30.50	nq #	56
65) n-Nitrosodiphenylamine	10.17	169	596794	44.36	nq	100
66) 4-Bromophenyl-phenylether	10.54	248	203278	50.49	nq	99
67) Hexachlorobenzene	10.59	284	207346	44.19	nq	94
68) Atrazine	10.71	200	169145	45.88	nq	96
69) Pentachlorophenol	10.79	266	194833	73.15	nq	97
70) Phenanthrene	10.99	178	899370	47.00	nq	100
71) Anthracene	11.05	178	1037200	51.68	nq	100
72) Carbazole	11.21	167	985237	46.44	nq	99
73) Di-n-butylphthalate	11.55	149	1206015	48.88	nq	99
74) Fluoranthene	12.17	202	905567	44.09	nq	97
76) Benzidine	12.31	184	332599	39.48	nq	97
77) Pyrene	12.39	202	894906	51.96	nq	98
79) Butylbenzylphthalate	13.04	149	497973	59.11	nq	97
80) Benzo(a)anthracene	13.58	228	677126	50.01	nq	100
81) 3,3'-Dichlorobenzidine	13.55	252	225043	40.30	nq #	97
82) Chrysene	13.61	228	602523	45.68	nq	98
83) Bis(2-ethylhexyl)phthalate	13.60	149	581954	53.98	nq	98
84) Di-n-octyl phthalate	14.21	149	1001073	53.91	nq	98
85) Indeno(1,2,3-cd)pyrene	16.05	276	681500	63.90	nq	97
87) Benzo(b)fluoranthene	14.57	252	831695m	59.19	nq	
88) Benzo(k)fluoranthene	14.59	252	416751m	31.60	nq	
89) Benzo(a)pyrene	14.86	252	612312	46.33	nq	99
90) Dibenzo(a,h)anthracene	16.07	278	580873	56.32	nq #	96
91) Benzo(g,h,i)perylene	16.39	276	560741	55.54	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

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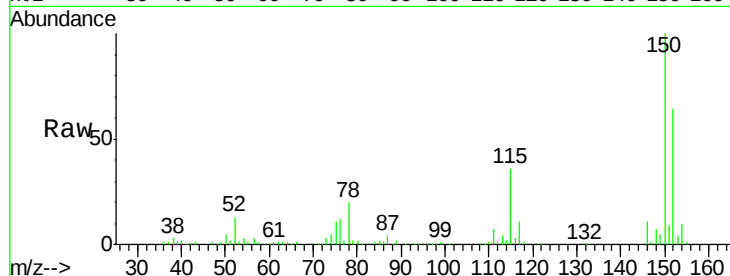
Tot Ion:152 Resp: 127841

Ion Ratio Lower Upper

152 100

150 155.6 128.9 193.3

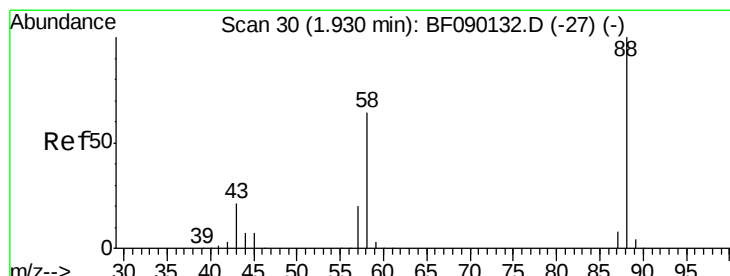
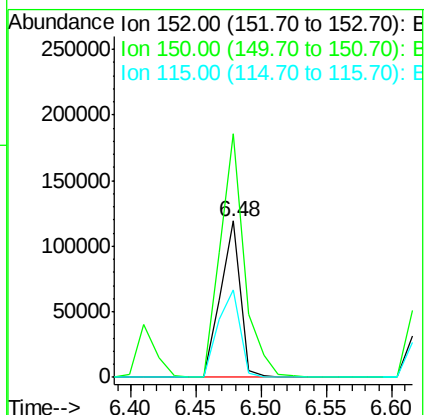
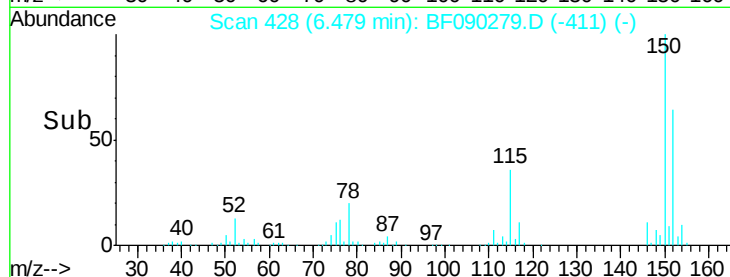
115 56.0 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.58 ng

RT: 1.94 min Scan# 31

Delta R.T. 0.10 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

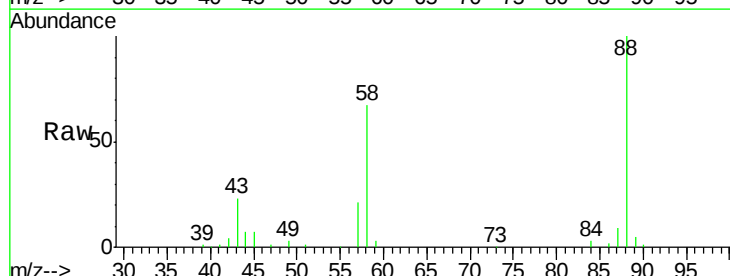
Tgt Ion: 88 Resp: 125879

Ion Ratio Lower Upper

88 100

58 65.0 53.4 80.0

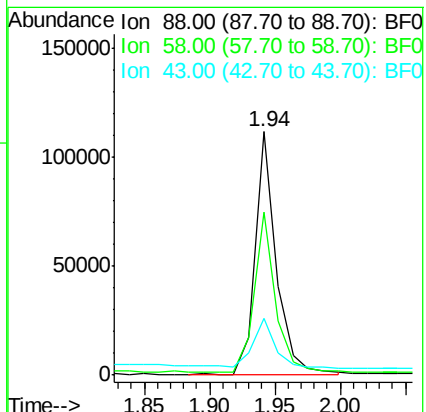
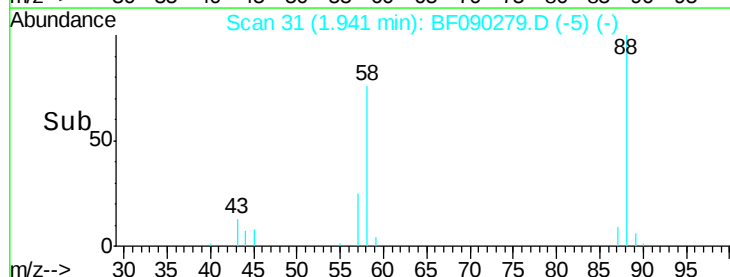
43 21.5 16.5 24.7

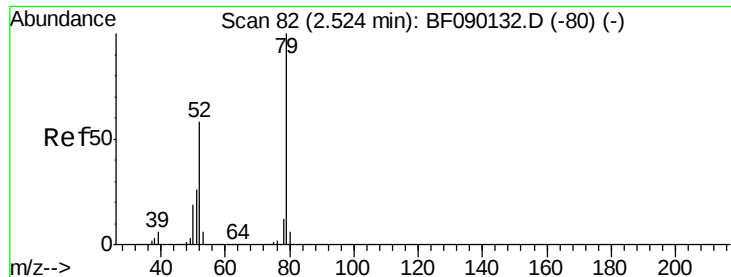


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.32 ng/ml

RT: 2.51 min Scan# 81

Delta R.T. 0.09 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

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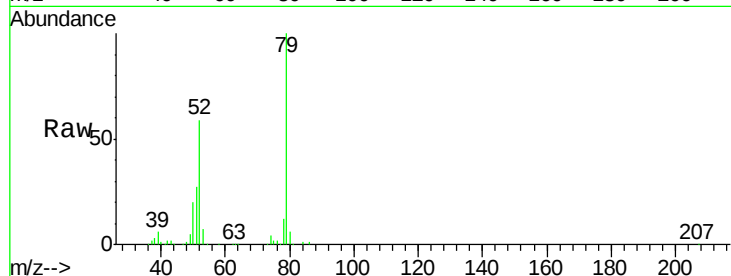
Tot Ion: 79 Resp: 381346

Ion Ratio Lower Upper

79 100

52 58.7 45.9 68.9

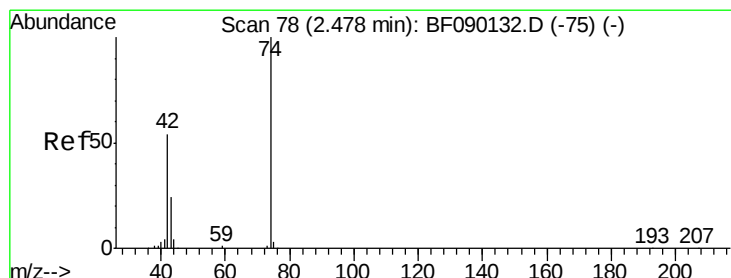
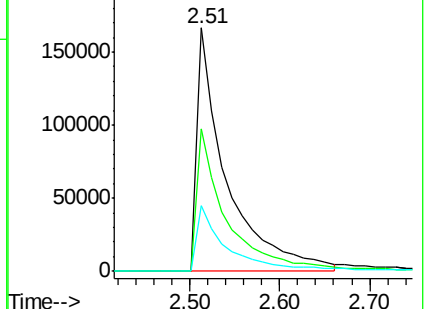
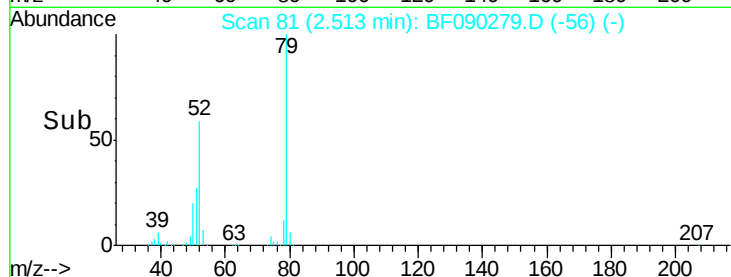
51 27.1 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.19 ng/ml

RT: 2.48 min Scan# 78

Delta R.T. 0.10 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

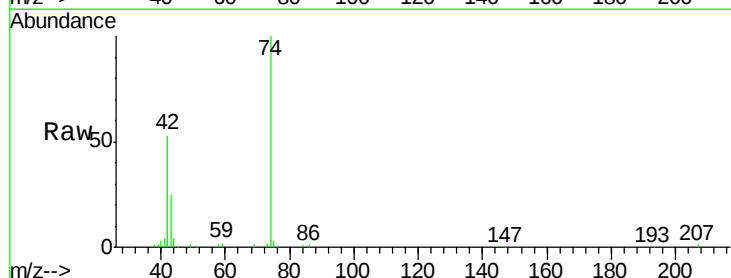
Tgt Ion: 42 Resp: 116208

Ion Ratio Lower Upper

42 100

74 190.5 158.7 238.1

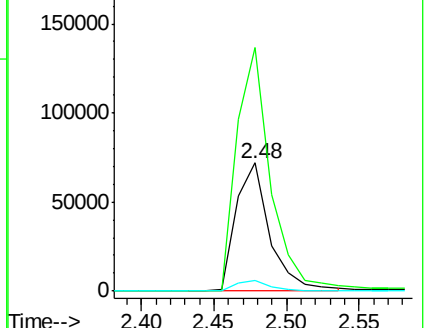
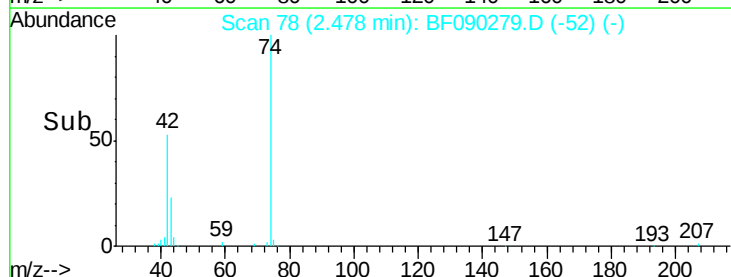
44 7.8 6.4 9.6

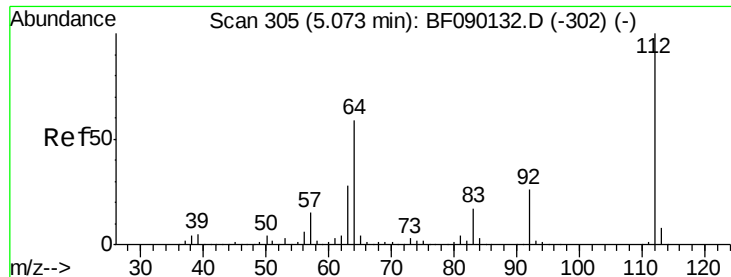


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.56 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

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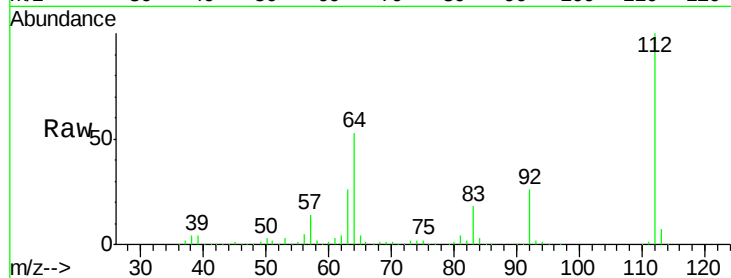
Tot Ion:112 Resp: 1000480

Ion Ratio Lower Upper

112 100

64 53.2 39.8 59.6

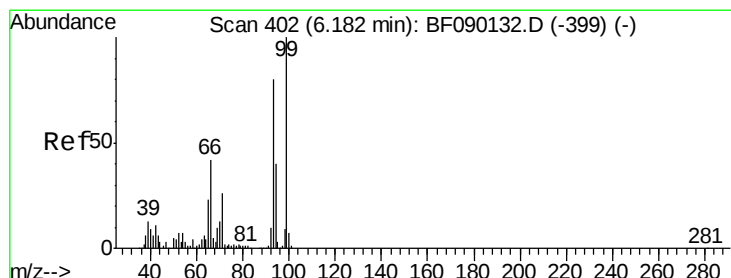
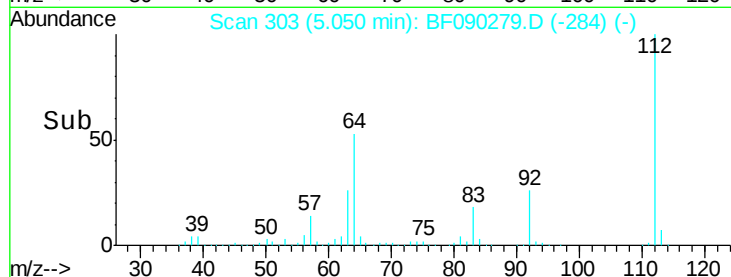
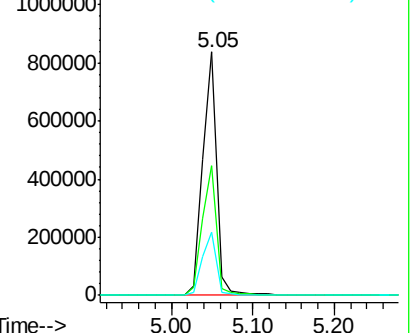
63 25.8 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.52 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

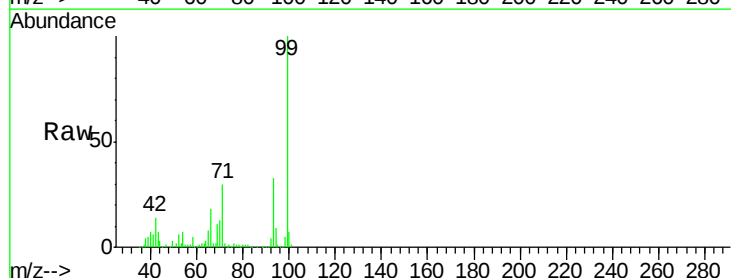
Tgt Ion: 93 Resp: 332256

Ion Ratio Lower Upper

93 100

66 53.6 54.2 81.2#

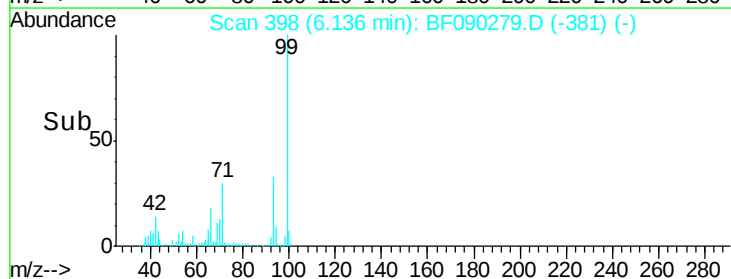
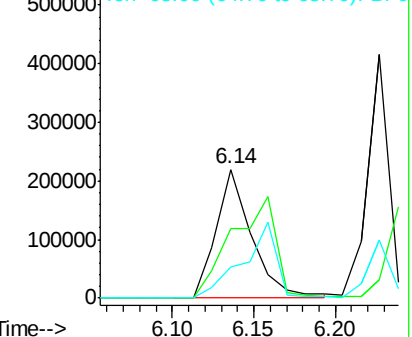
65 24.5 33.8 50.6#

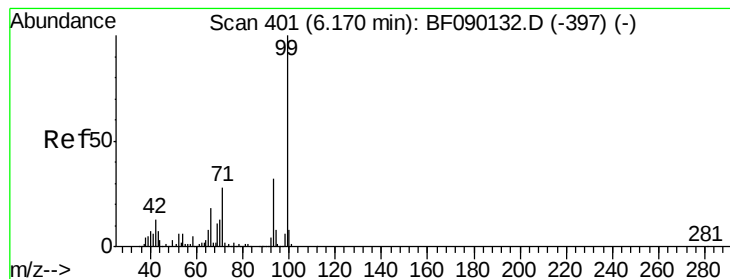


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.92 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF090279.D

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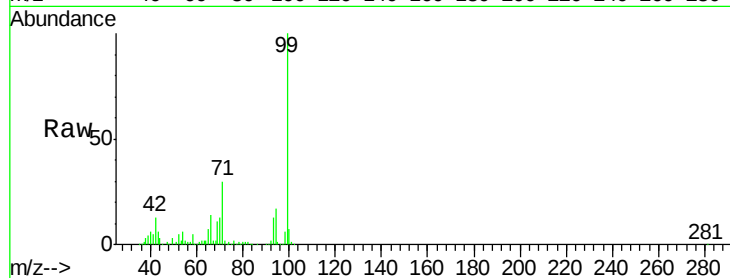
Tot Ion: 99 Resp: 1316492

Ion Ratio Lower Upper

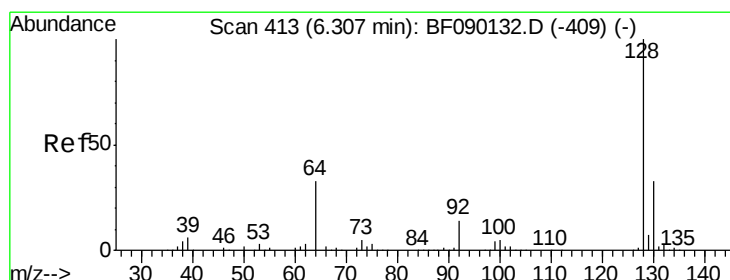
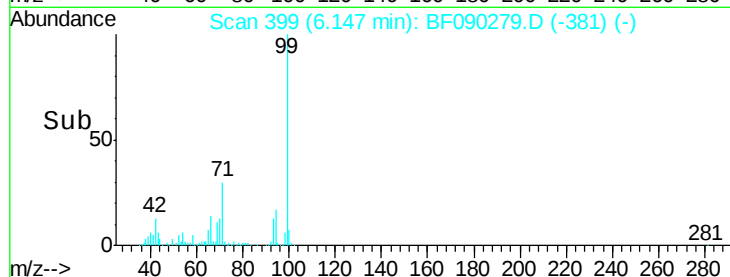
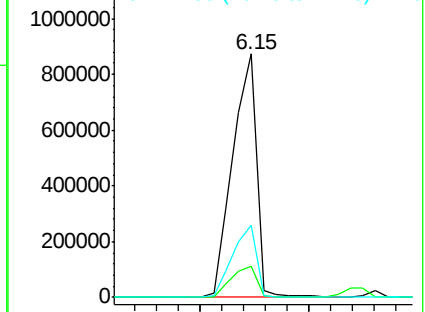
99 100

42 12.6 10.6 15.8

71 29.6 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

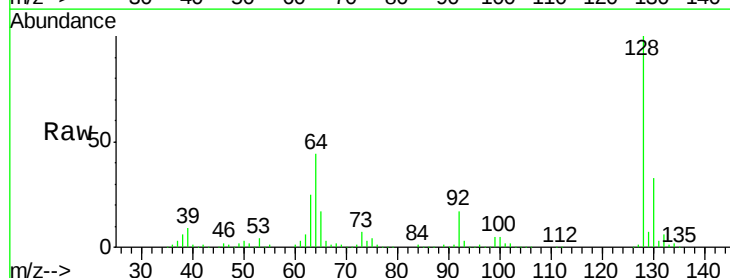
Tgt Ion:128 Resp: 387396

Ion Ratio Lower Upper

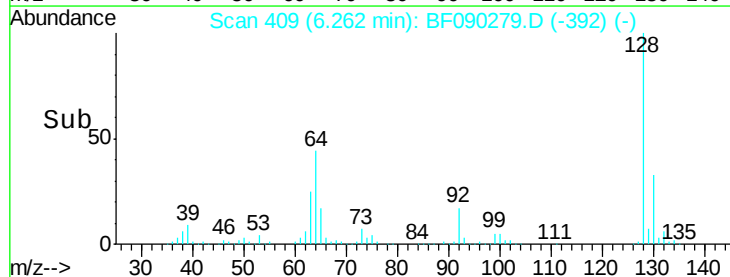
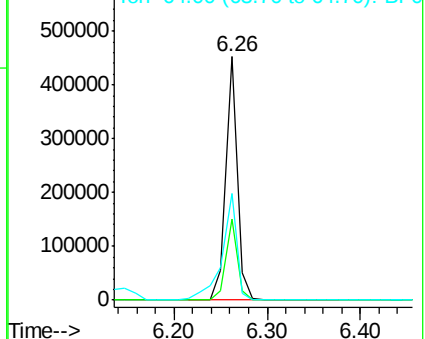
128 100

130 33.4 12.0 52.0

64 43.6 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.53 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF090279.D

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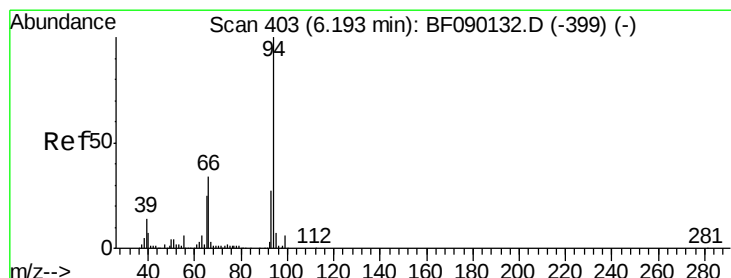
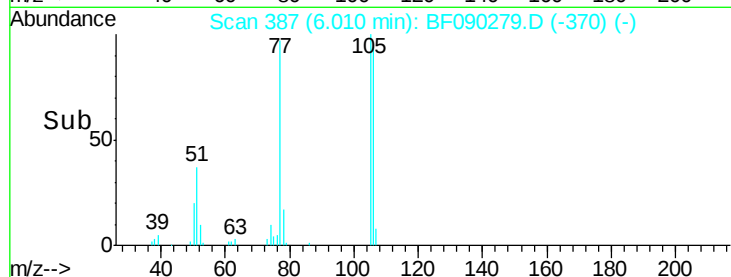
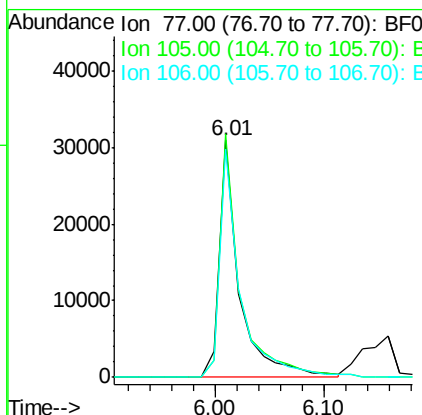
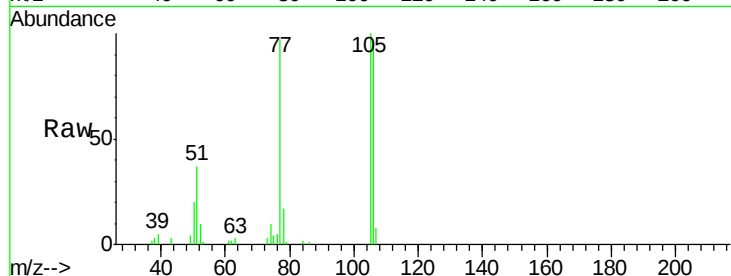
Tot Ion: 77 Resp: 40247

Ion Ratio Lower Upper

77 100

105 102.8 83.0 123.0

106 96.5 78.5 118.5



#10

Phenol

Concen: 48.52 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

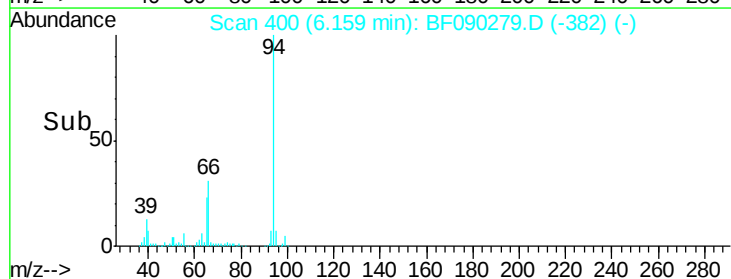
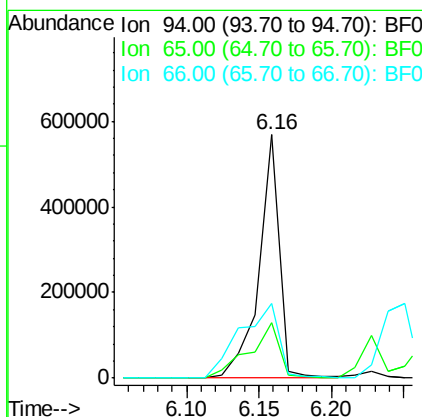
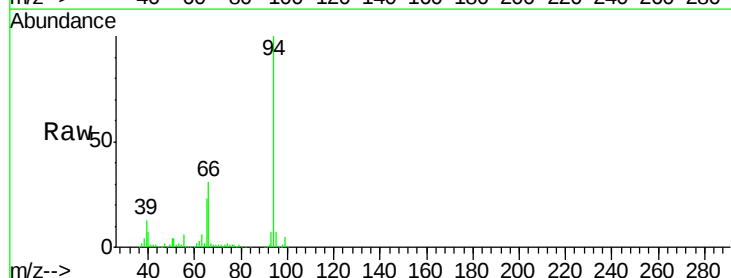
Tgt Ion: 94 Resp: 555622

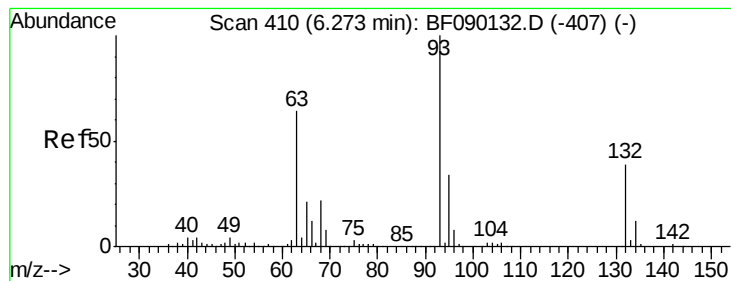
Ion Ratio Lower Upper

94 100

65 23.0 20.6 60.6

66 30.6 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 43.70 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

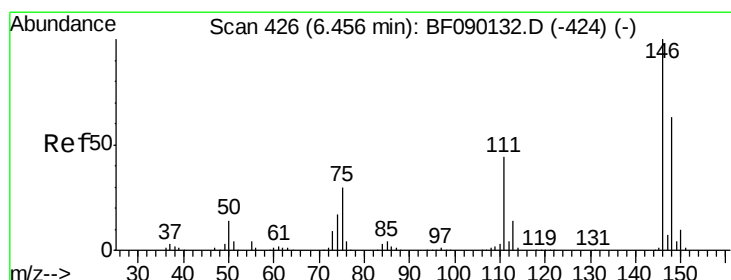
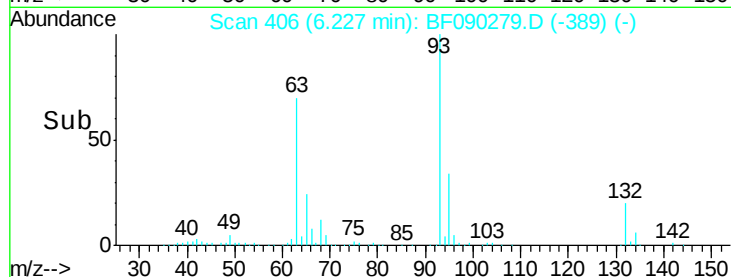
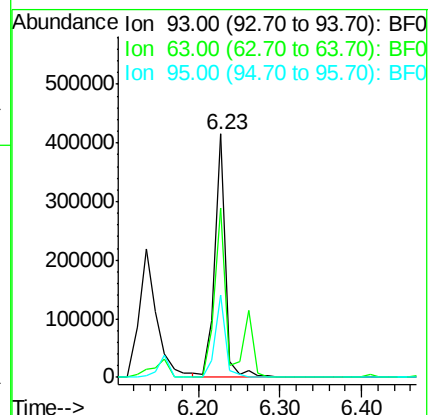
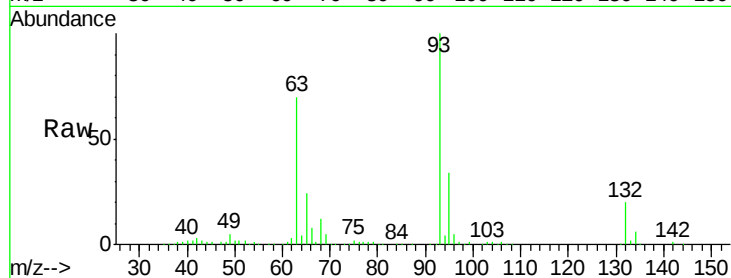
Tot Ion: 93 Resp: 390210

Ion Ratio Lower Upper

93 100

63 69.7 55.6 95.6

95 33.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.83 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

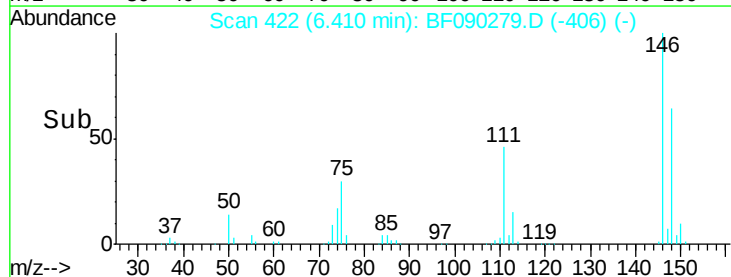
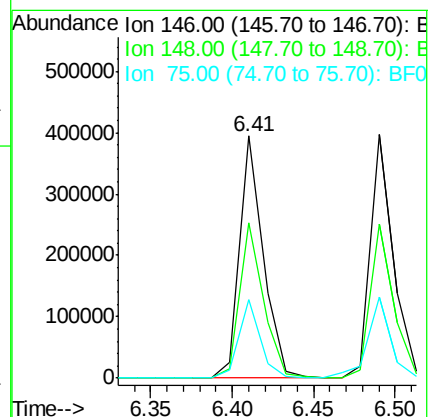
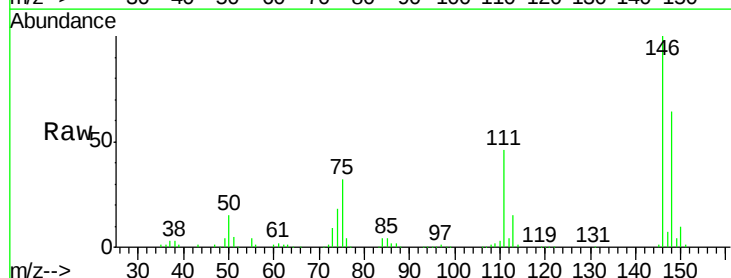
Tgt Ion: 146 Resp: 394340

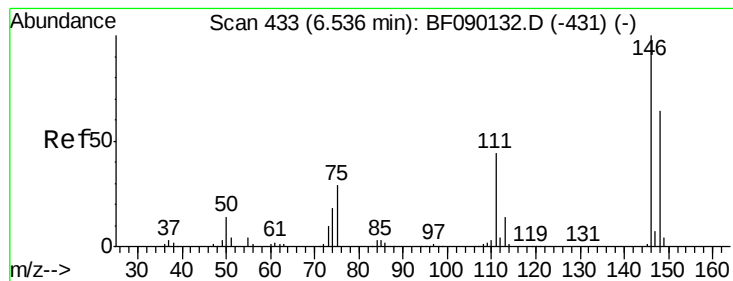
Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

75 32.3 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 41.08 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

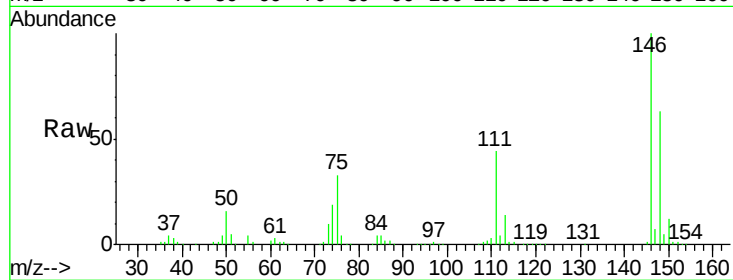
Tot Ion:146 Resp: 395430

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

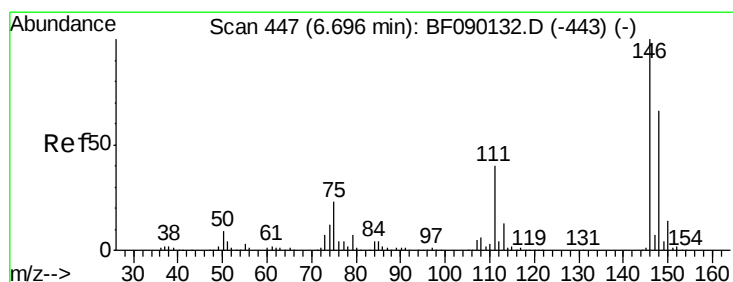
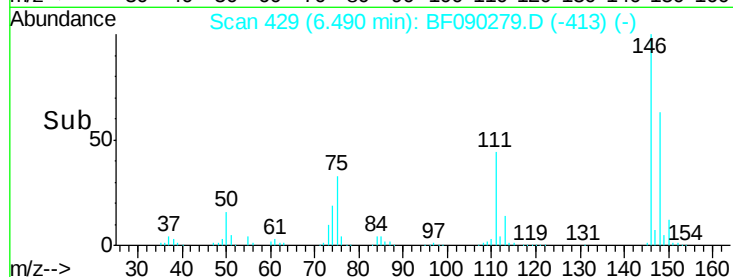
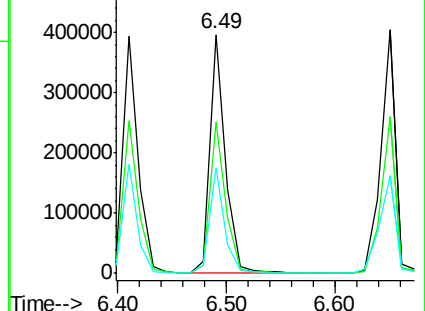
111 44.3 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.40 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

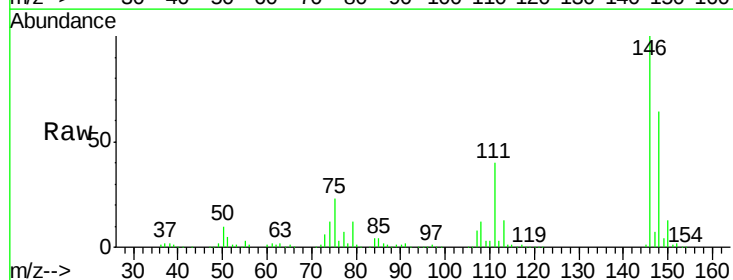
Tgt Ion:146 Resp: 380704

Ion Ratio Lower Upper

146 100

148 64.4 52.6 79.0

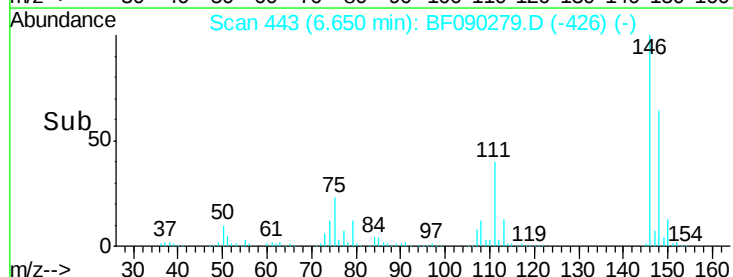
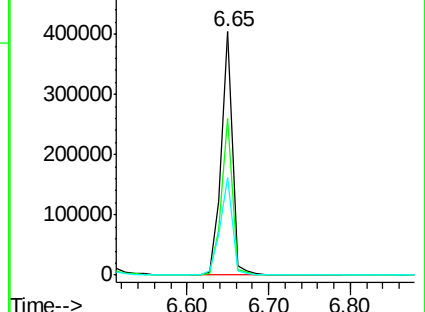
111 40.0 28.2 42.2

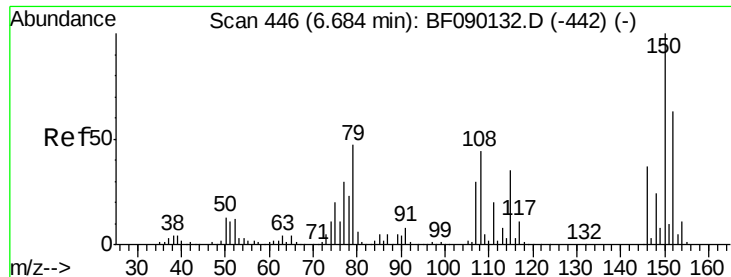


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

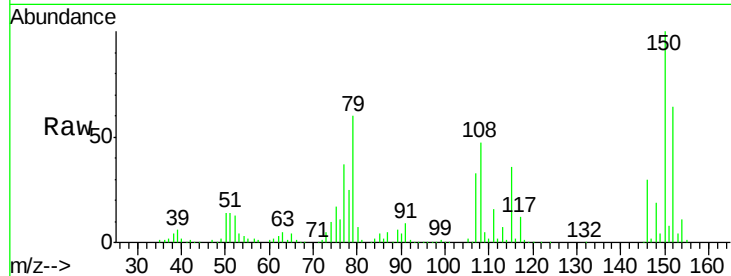




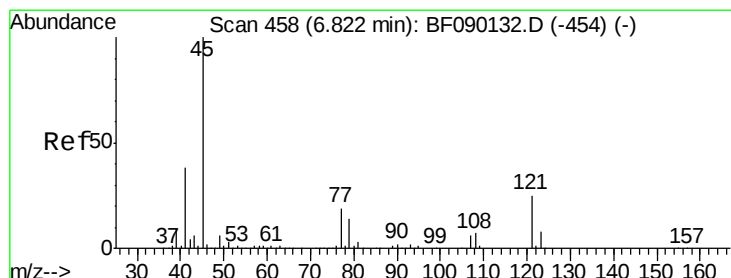
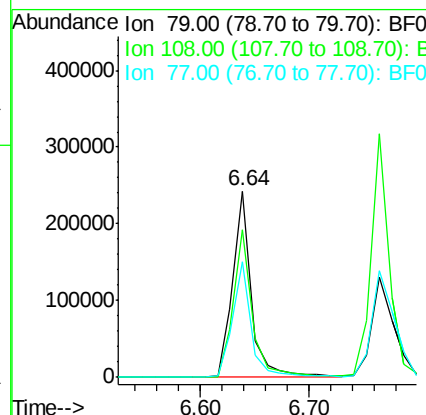
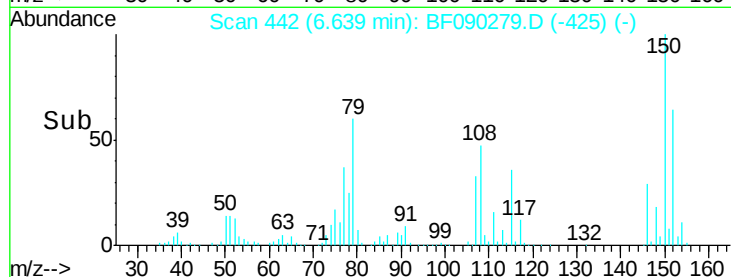
#15
Benzyl Alcohol
Concen: 50.41 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion: 79 Resp: 291144
Ion Ratio Lower Upper
79 100
108 79.0 62.2 93.4
77 62.0 51.4 77.0

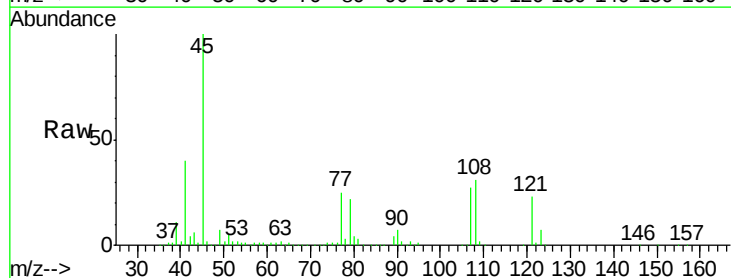


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

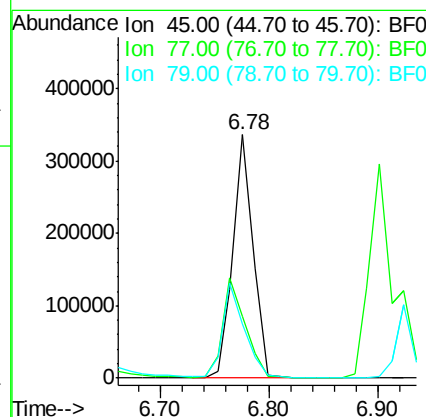
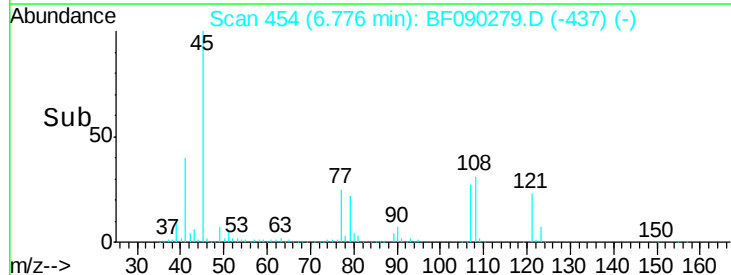


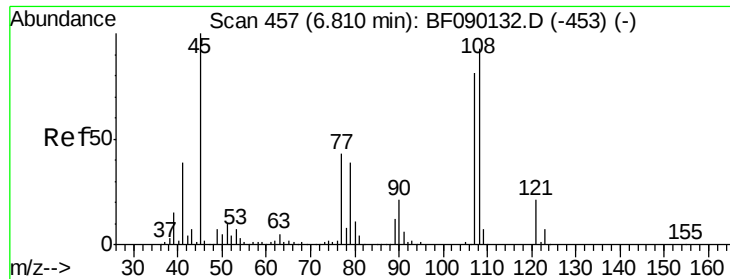
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.28 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion: 45 Resp: 429755
Ion Ratio Lower Upper
45 100
77 25.3 0.5 40.5
79 22.2 0.0 37.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

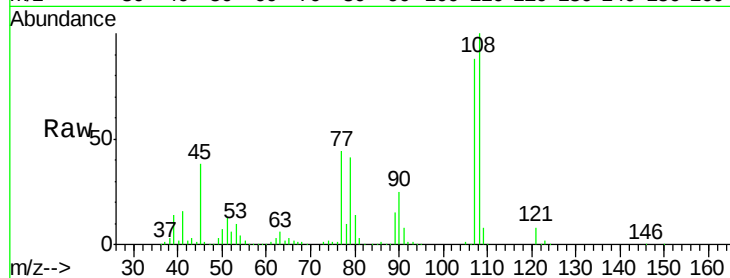




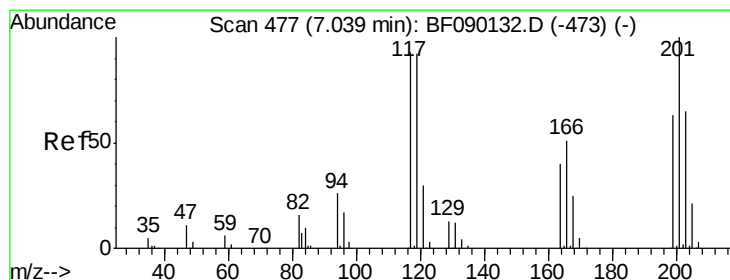
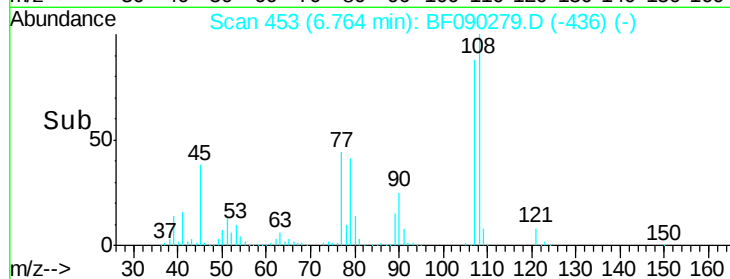
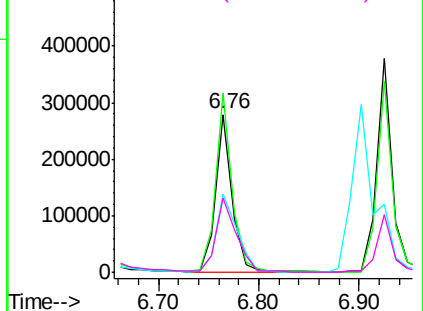
#17
2-Methylphenol
Concen: 44.61 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion:	107	Resp:	317067
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.0	138.0
77	49.6	35.6	53.4
79	47.1	35.2	52.8

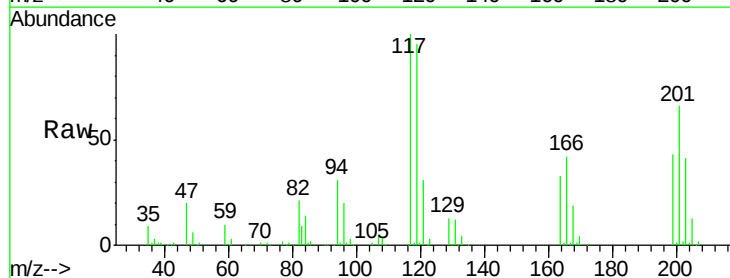


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

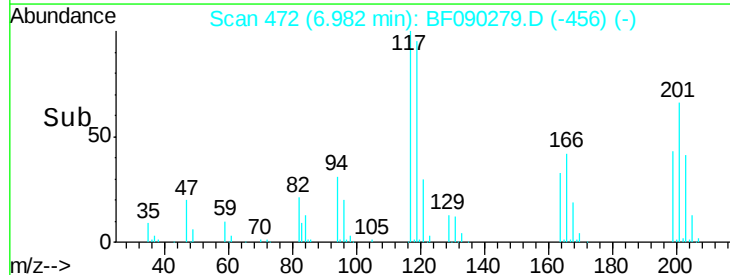
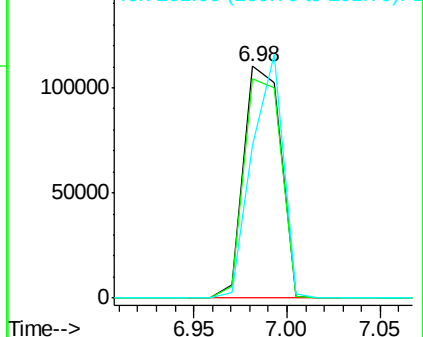


#18
Hexachloroethane
Concen: 43.84 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:	117	Resp:	150500
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	115.0
201	66.0	55.5	83.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

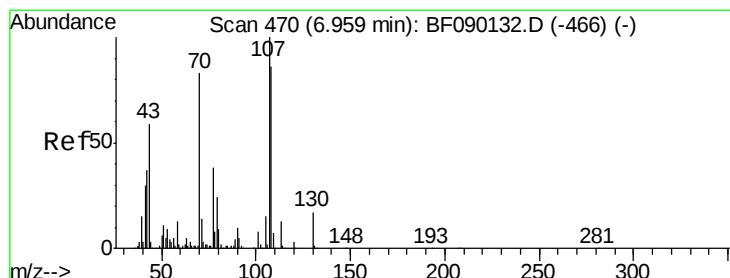
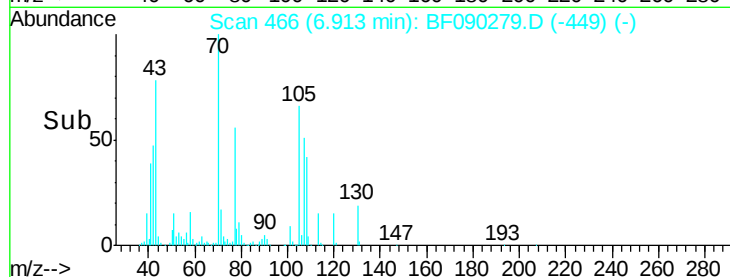
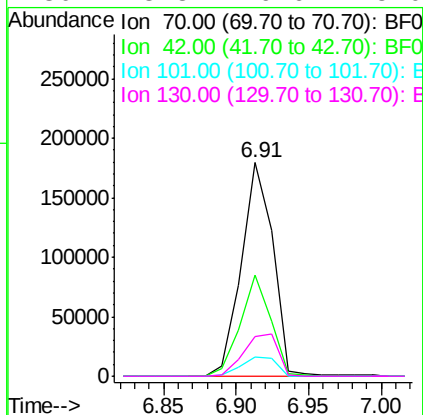
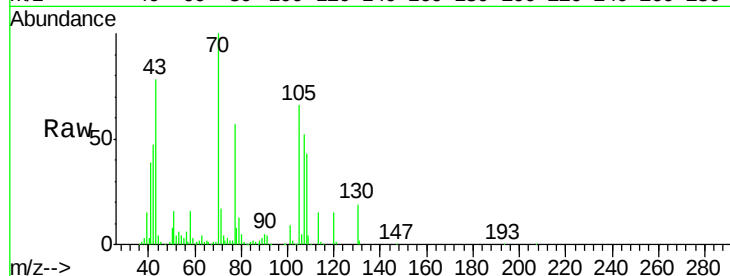




#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

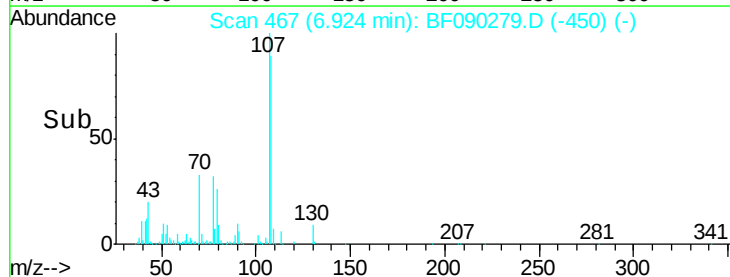
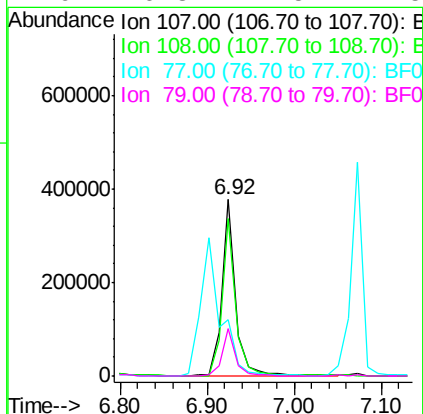
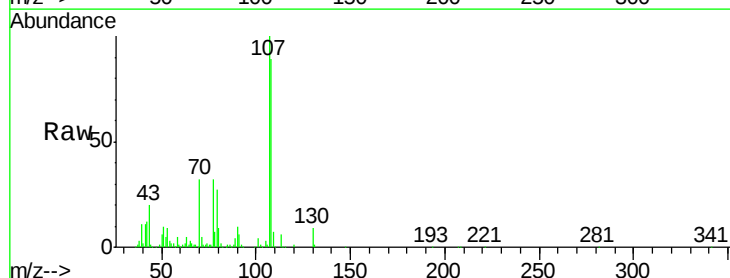
Instrument :
BNA_F
ClientSampleId :
PB93644BS

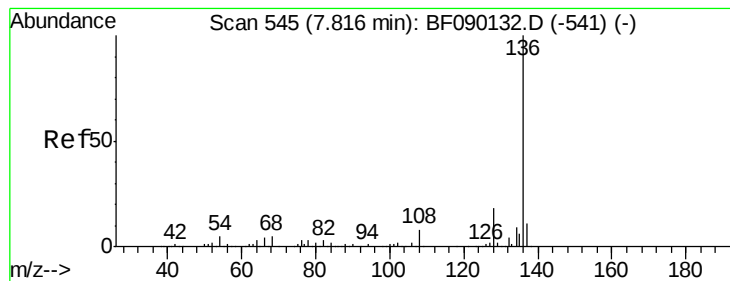
Tot Ion:	70	Resp:	271345
Ion	Ratio	Lower	Upper
70	100		
42	47.4	35.1	52.7
101	9.3	7.5	11.3
130	18.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.25 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:	107	Resp:	411790
Ion	Ratio	Lower	Upper
107	100		
108	89.2	73.3	113.3
77	31.8	14.1	54.1
79	26.8	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

Tot Ion:136 Resp: 521373

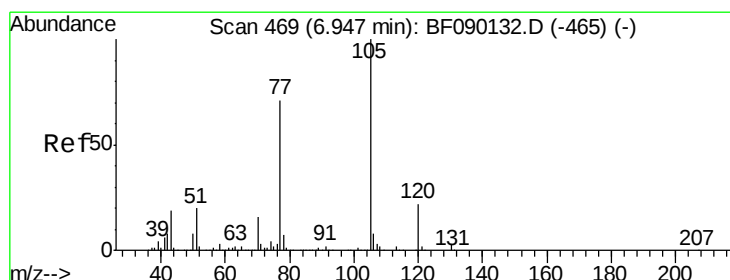
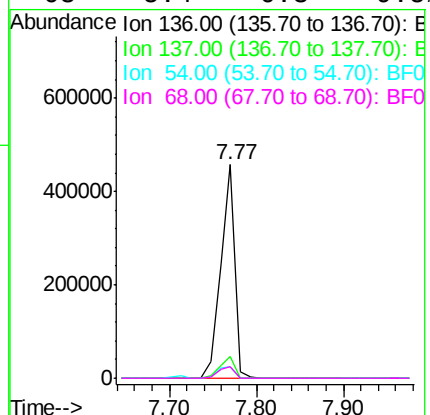
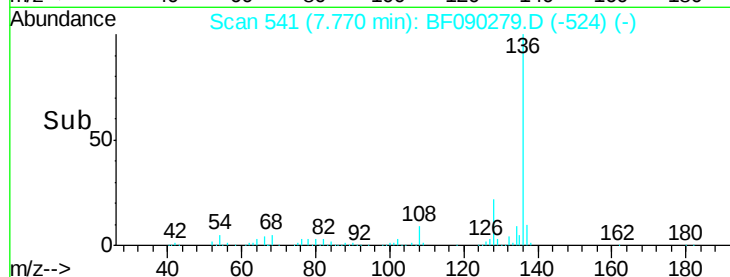
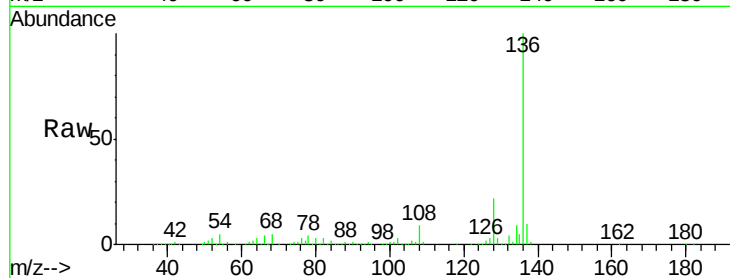
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.3 6.4 9.6#

68 5.4 6.3 9.5#



#22

Acetophenone

Concen: 39.66 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Tgt Ion:105 Resp: 498671

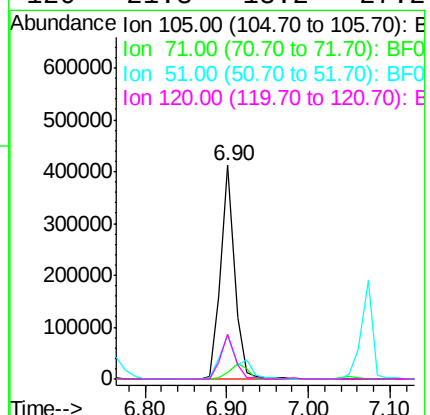
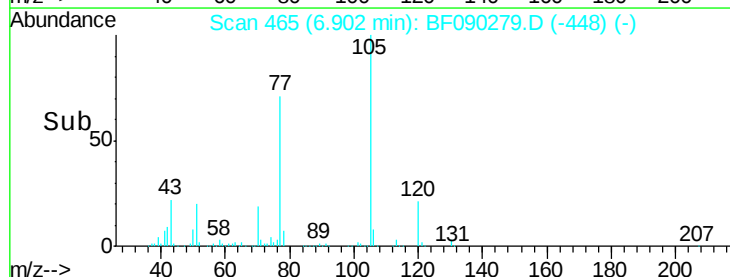
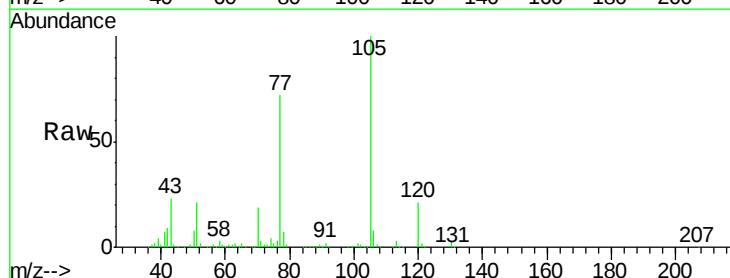
Ion Ratio Lower Upper

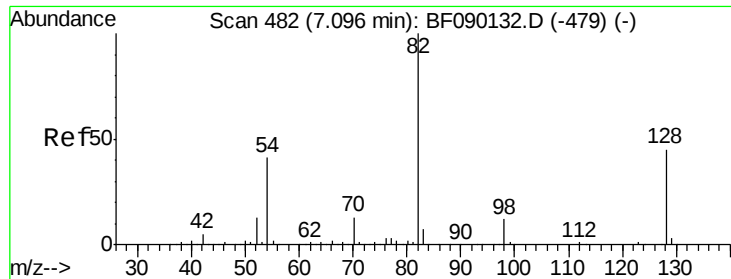
105 100

71 3.0 4.1 6.1#

51 20.7 16.2 24.2

120 21.3 18.2 27.2

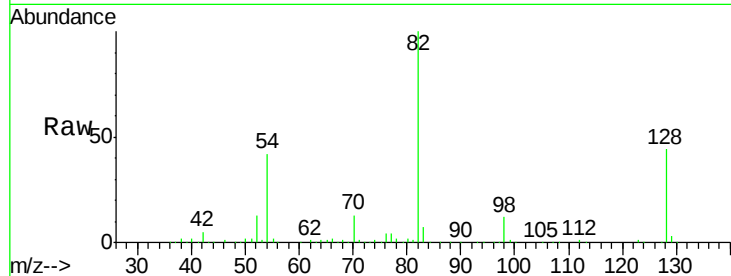




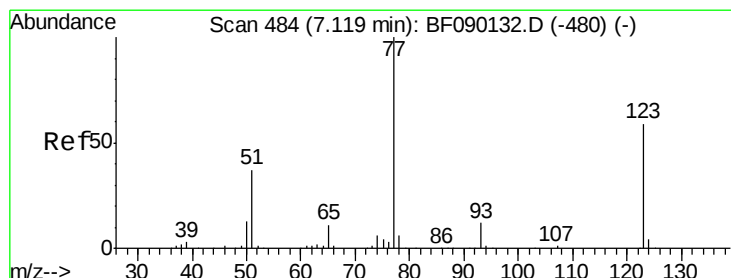
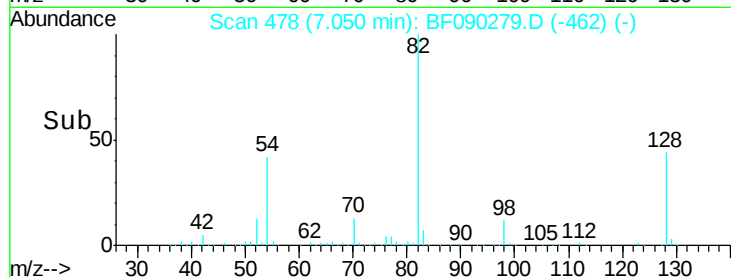
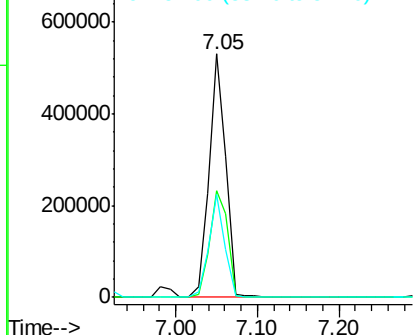
#23
 Nitrobenzene-d5
 Concen: 85.10 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion: 82 Resp: 765421
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.5 56.3
 54 42.4 31.9 47.9

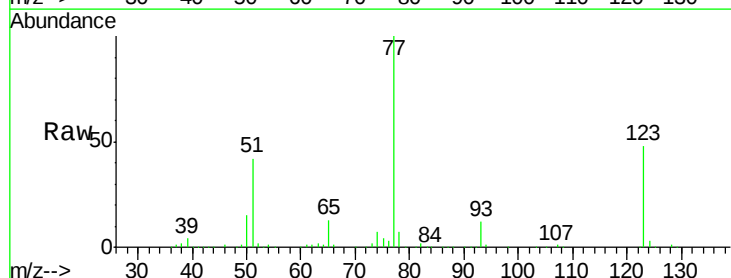


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

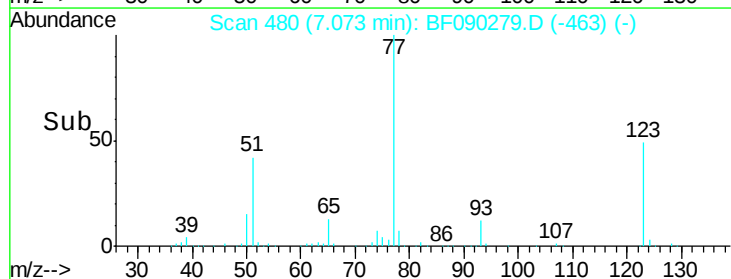
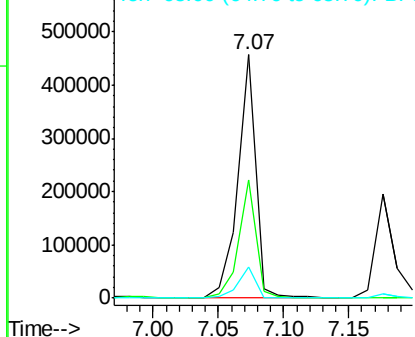


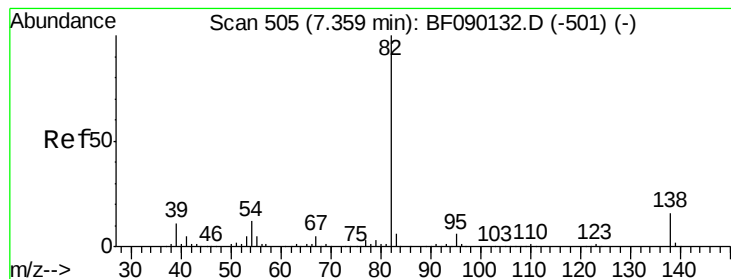
#24
 Nitrobenzene
 Concen: 45.71 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion: 77 Resp: 428336
 Ion Ratio Lower Upper
 77 100
 123 48.4 33.4 50.2
 65 12.5 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.11 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

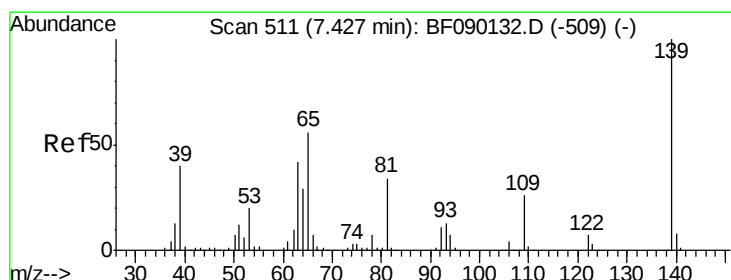
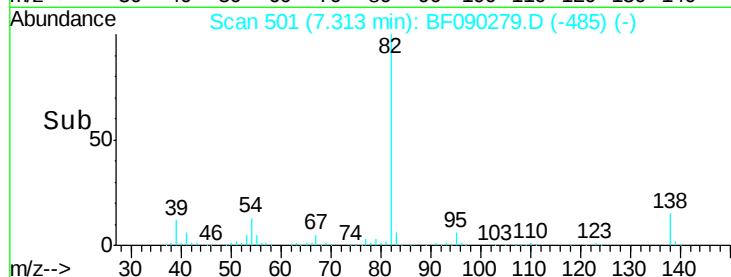
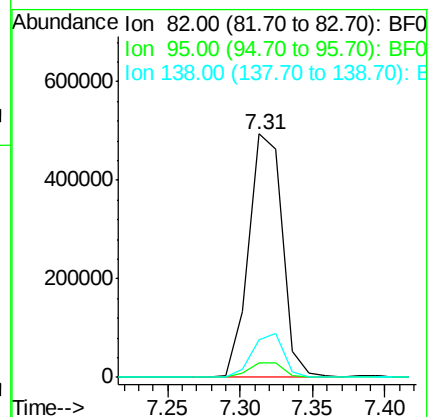
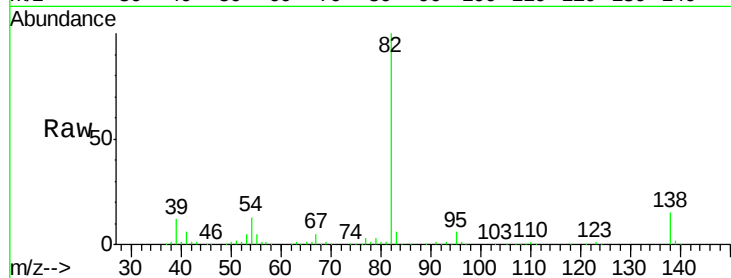
Tot Ion: 82 Resp: 791197

Ion Ratio Lower Upper

82 100

95 6.1 5.1 7.7

138 15.2 13.5 20.3



#26

2-Nitrophenol

Concen: 48.84 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

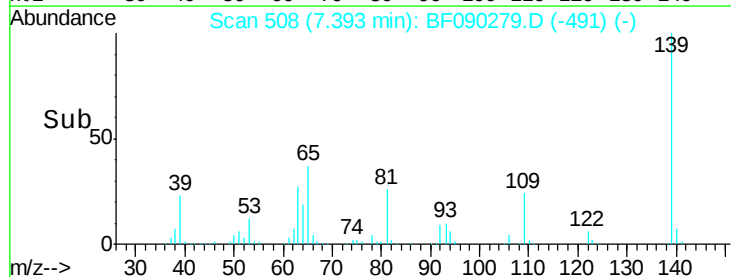
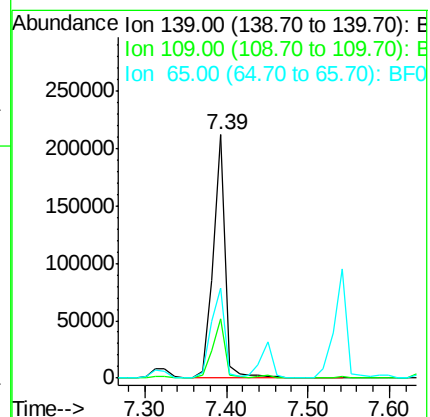
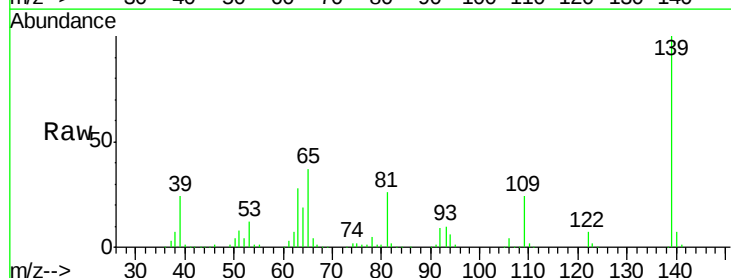
Tgt Ion: 139 Resp: 225370

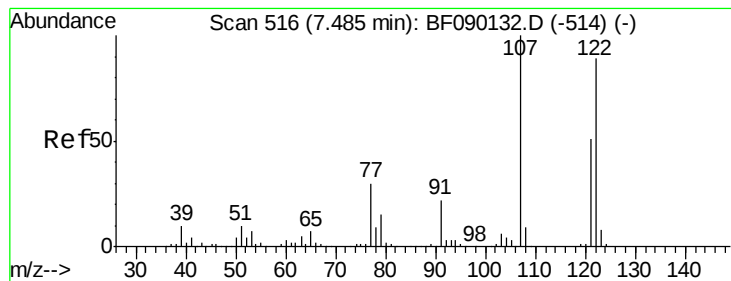
Ion Ratio Lower Upper

139 100

109 24.4 20.5 30.7

65 37.1 37.9 56.9#

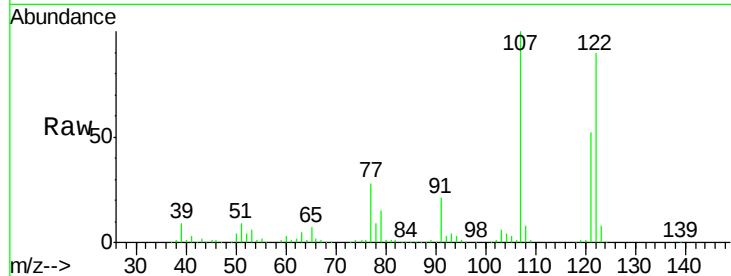




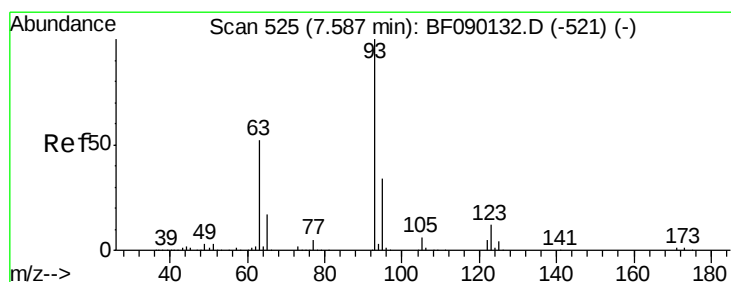
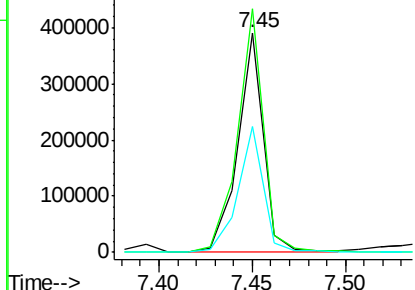
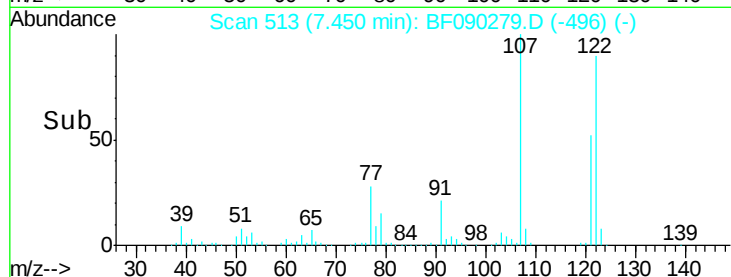
#27
 2,4-Dimethylphenol
 Concen: 46.04 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion:122 Resp: 377451
 Ion Ratio Lower Upper
 122 100
 107 111.0 87.8 131.6
 121 57.2 45.7 68.5

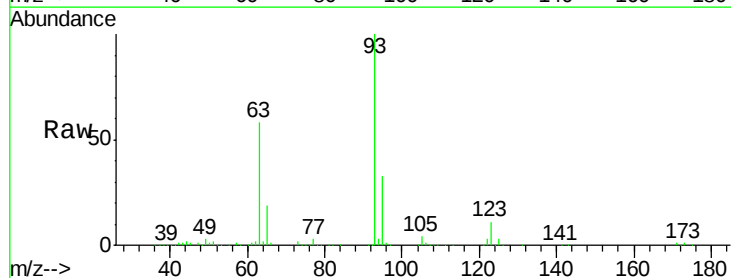


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

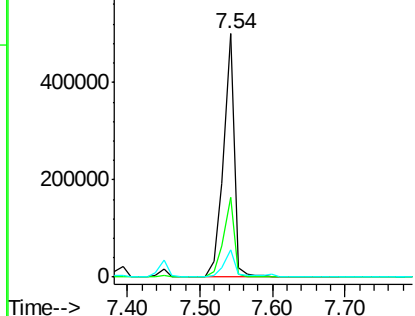
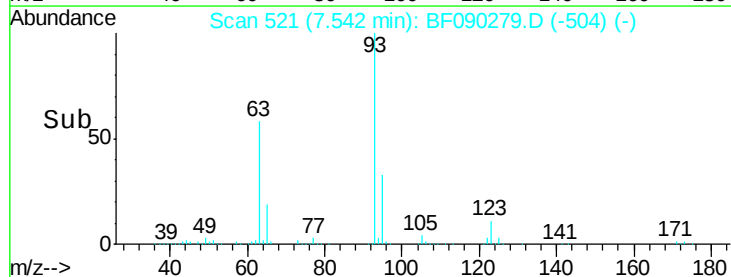


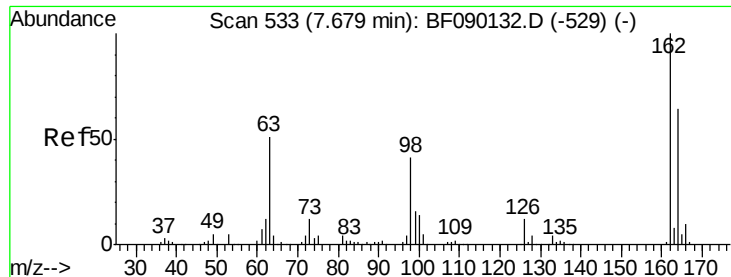
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.28 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion: 93 Resp: 526085
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.8 40.2
 123 11.0 8.5 12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

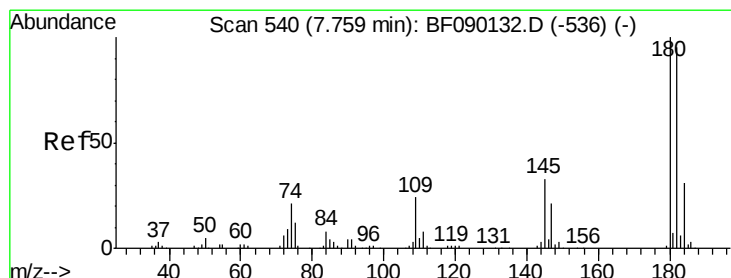
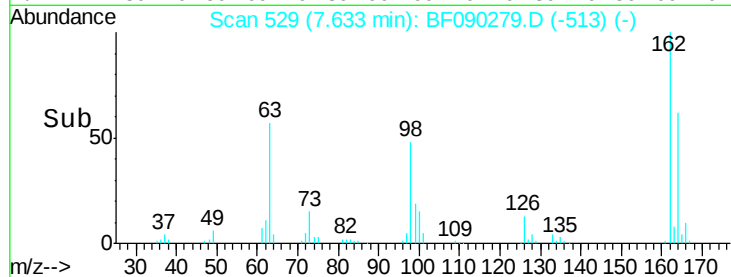
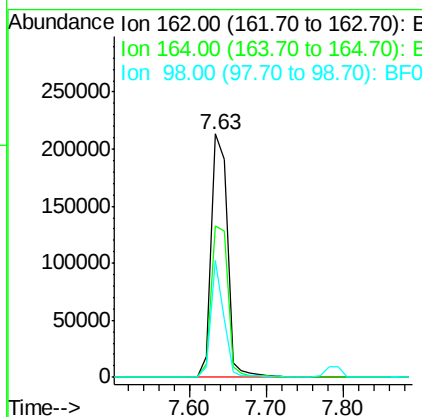
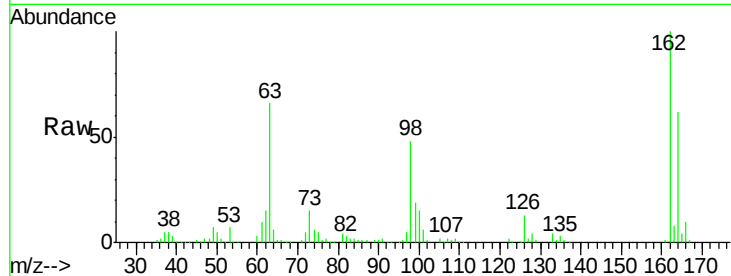




#29
 2,4-Dichlorophenol
 Concen: 43.23 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

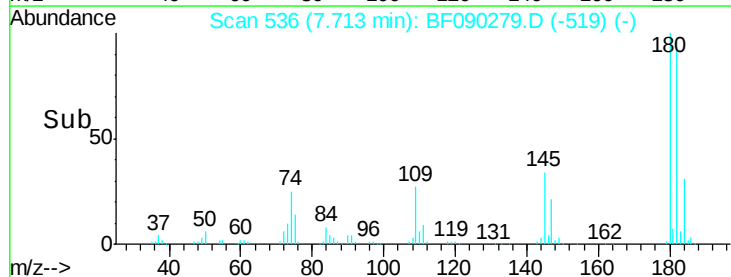
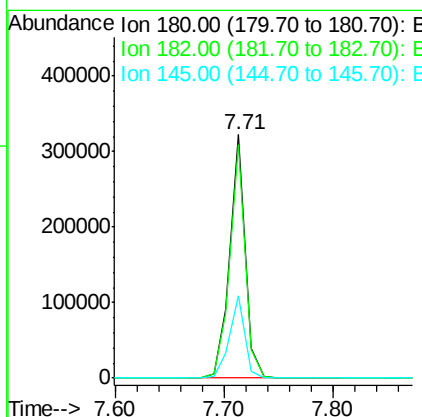
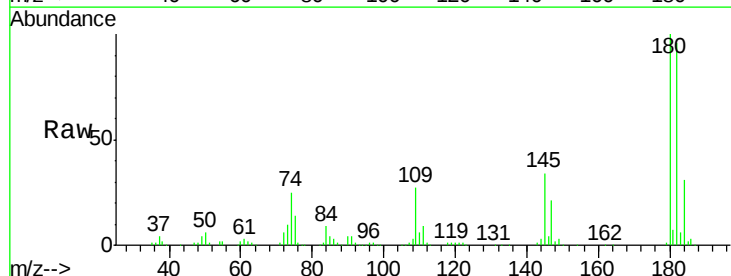
Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

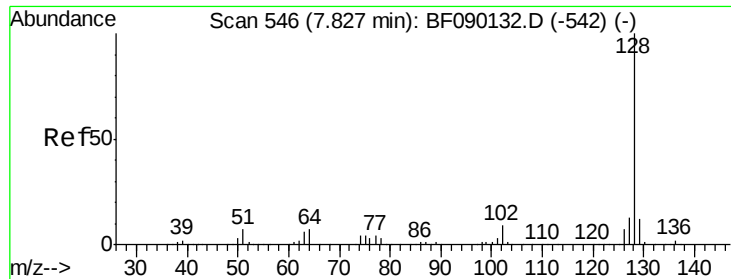
Tot Ion:162 Resp: 310848
 Ion Ratio Lower Upper
 162 100
 164 62.2 46.2 86.2
 98 47.9 10.4 50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 44.25 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:180 Resp: 317862
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.0 112.6
 145 33.8 28.6 42.8

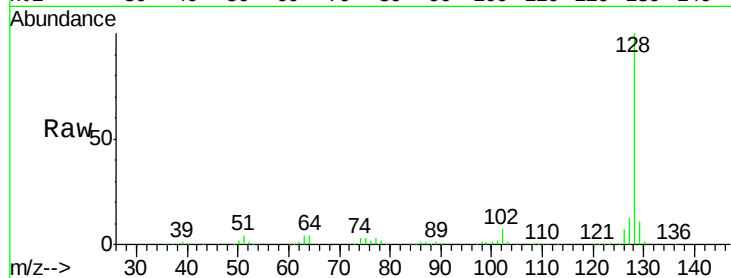




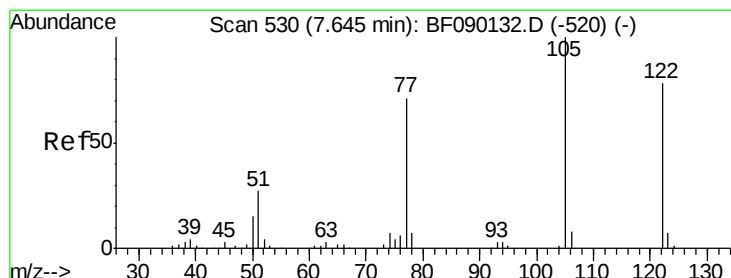
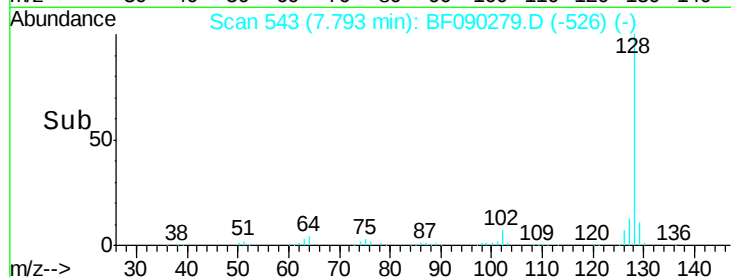
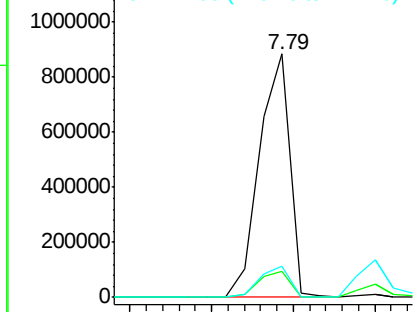
#31
Naphthalene
Concen: 46.19 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion:128 Resp: 1146630
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 10.8 16.2

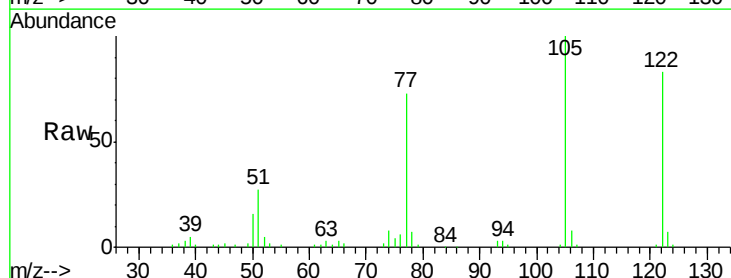


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

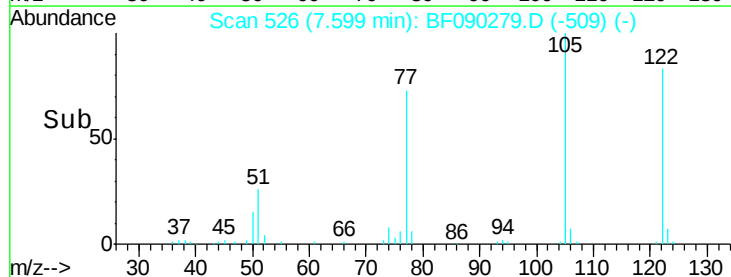
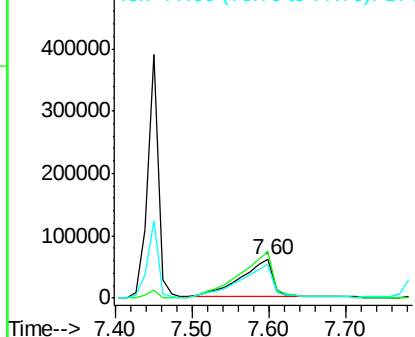


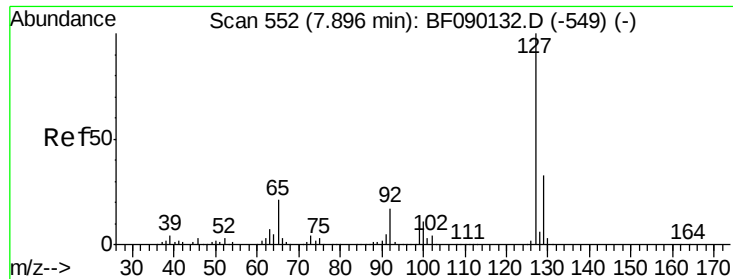
#32
Benzoic acid
Concen: 32.20 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:122 Resp: 181203
Ion Ratio Lower Upper
122 100
105 119.8 105.0 145.0
77 87.9 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

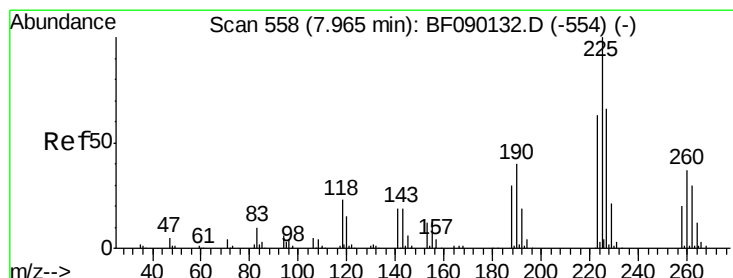
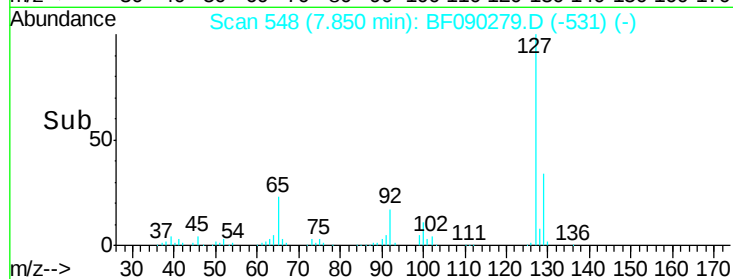
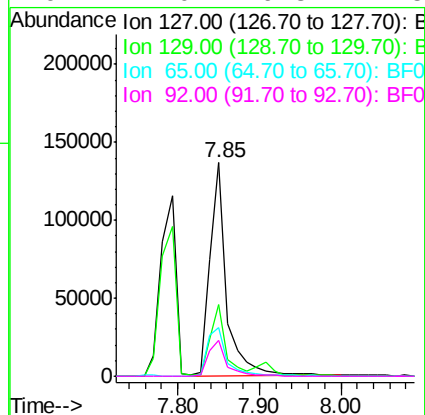
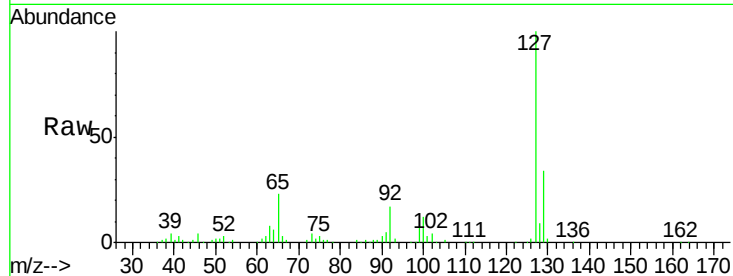




#33
4-Chloroaniline
Concen: 18.97 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

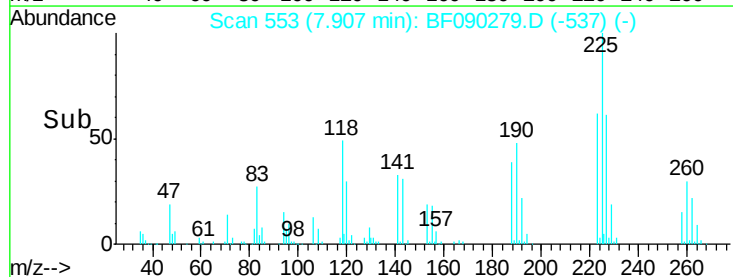
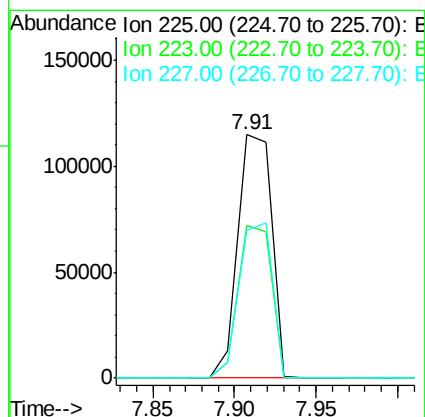
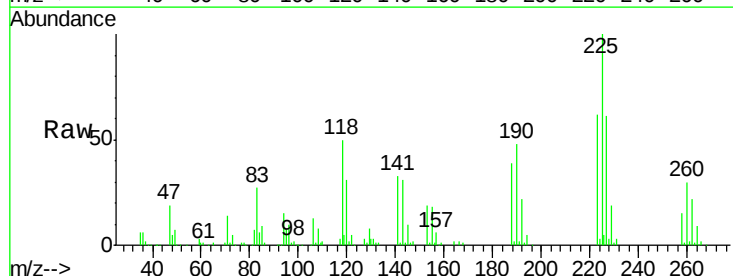
Instrument :
BNA_F
ClientSampleId :
PB93644BS

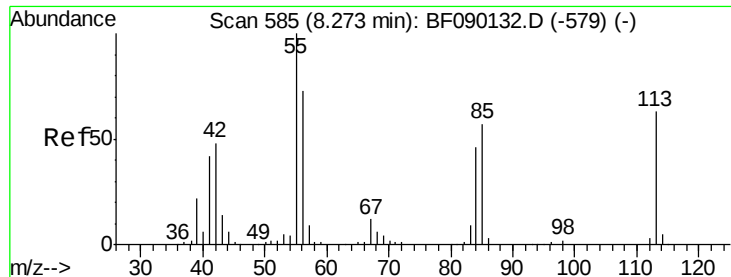
Tot Ion:	127	Resp:	195311
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	22.9	24.1	36.1#
92	17.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 43.48 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:	225	Resp:	164772
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.3	76.9
227	60.8	51.4	77.0

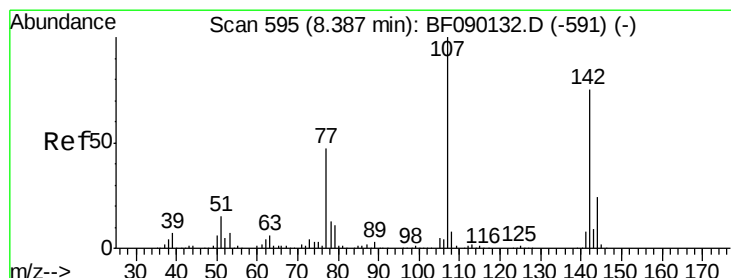
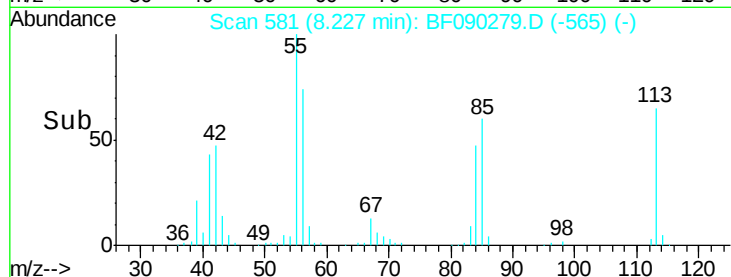
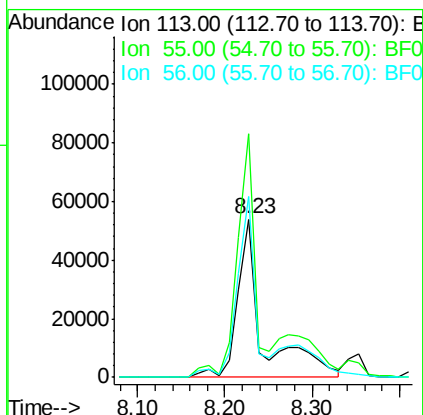
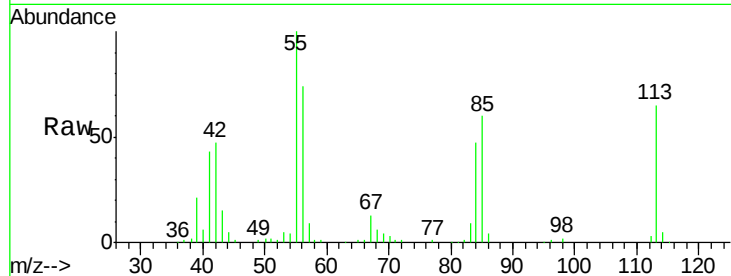




#35
 Caprolactam
 Concen: 45.72 ng/ml
 RT: 8.23 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

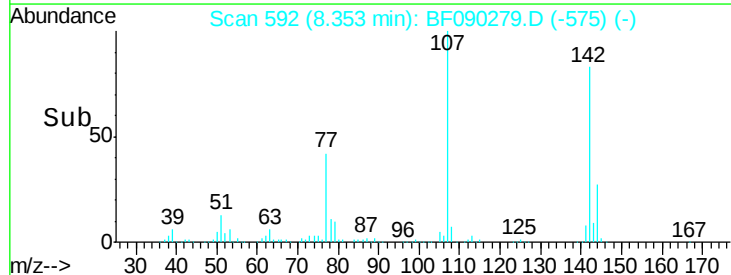
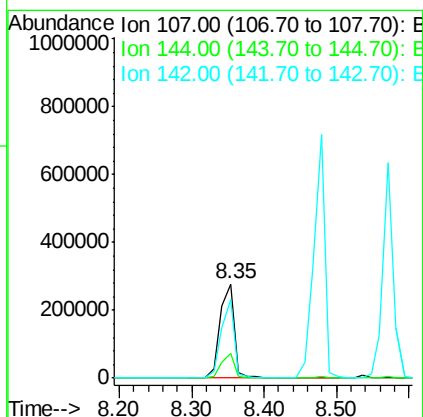
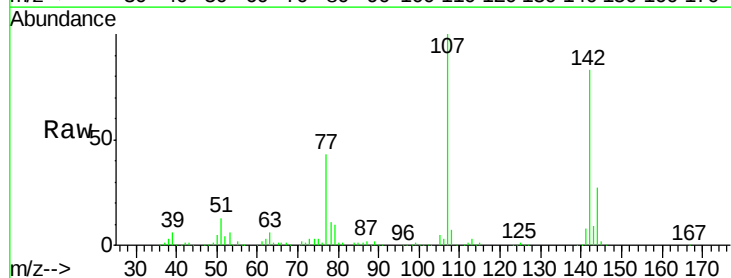
Instrument :
 BNA_F
 ClientSampleID :
 PB93644BS

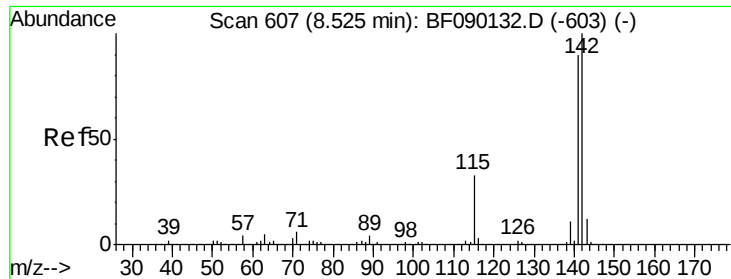
Tot Ion:113 Resp: 108814
 Ion Ratio Lower Upper
 113 100
 55 154.1 134.5 174.5
 56 114.6 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.60 ng/ml
 RT: 8.35 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:107 Resp: 378782
 Ion Ratio Lower Upper
 107 100
 144 26.6 18.6 27.8
 142 82.9 57.0 85.6

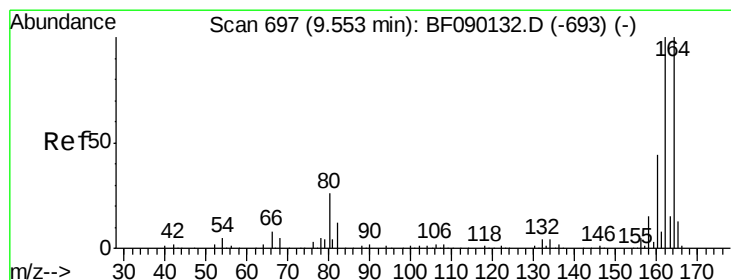
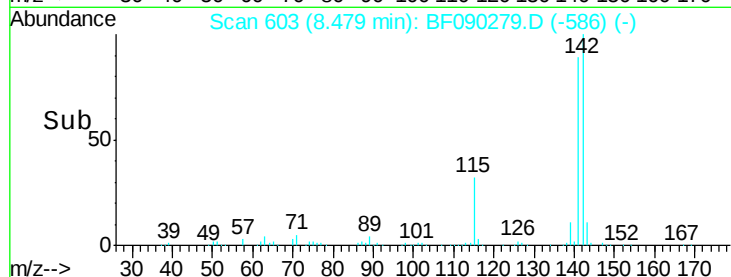
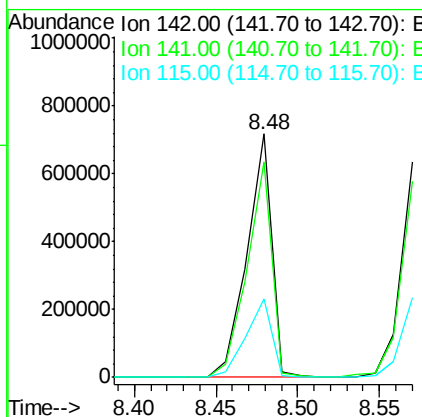
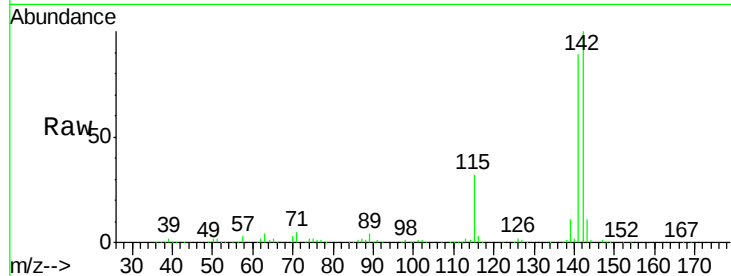




#37
2-Methylnaphthalene
Concen: 48.90 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

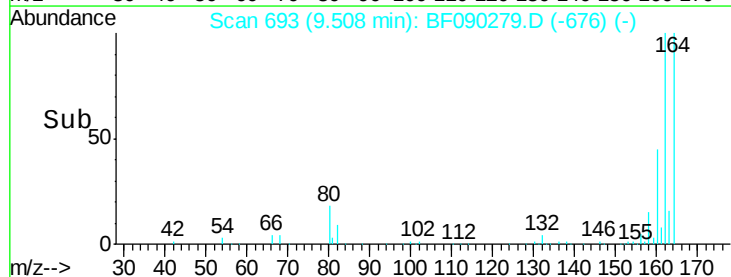
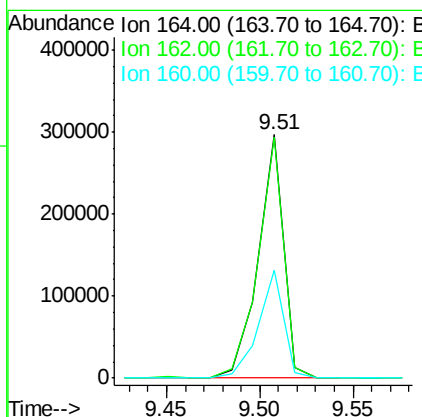
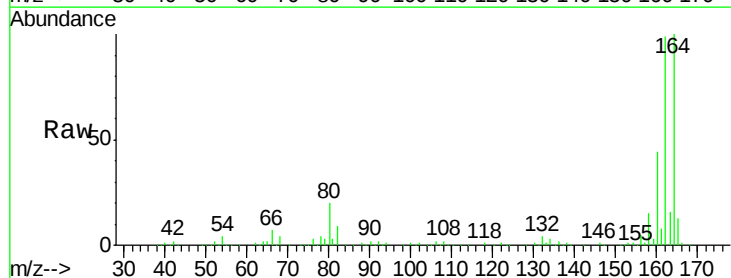
Instrument :
BNA_F
ClientSampleId :
PB93644BS

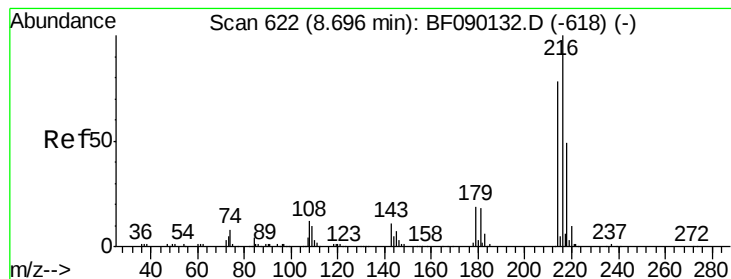
Tot Ion:142 Resp: 754917
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 32.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:164 Resp: 283191
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.2
160 44.1 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.54 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

Tot Ion:216 Resp: 237491

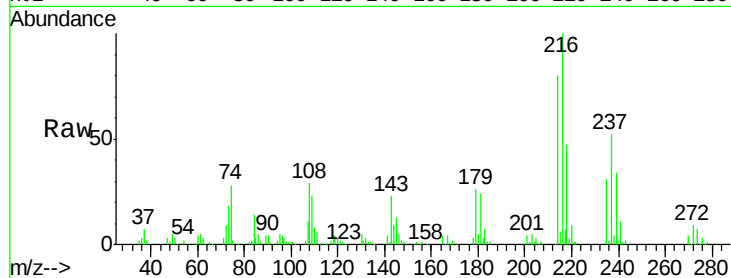
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 21.9 18.5 27.7

108 23.4 19.5 29.3

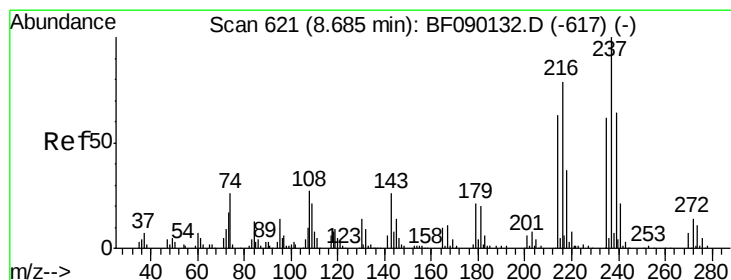
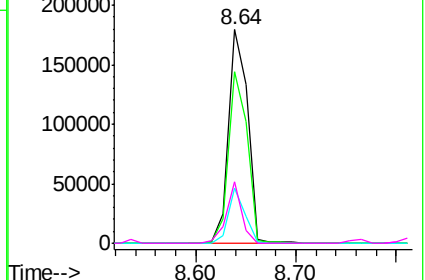
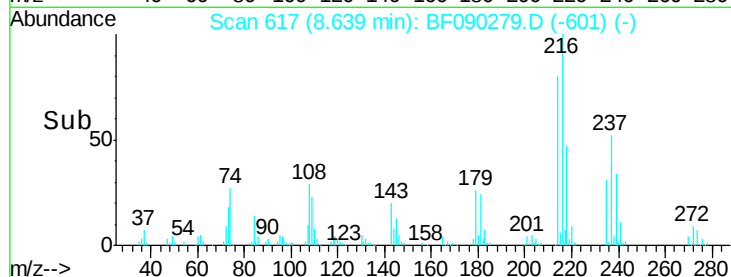


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.69 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

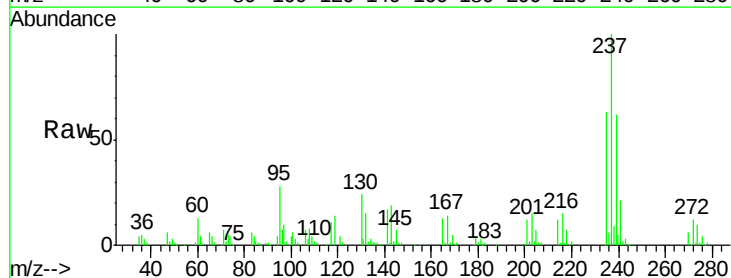
Tgt Ion:237 Resp: 201069

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

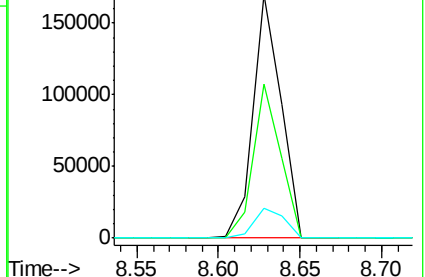
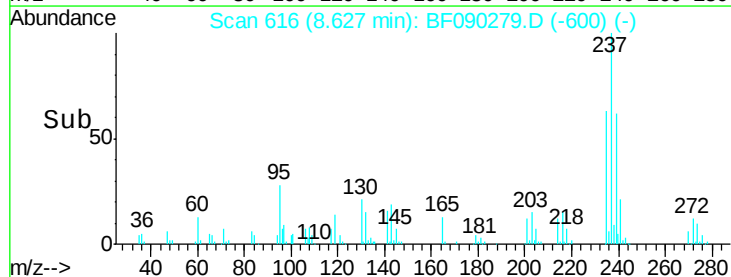
272 12.2 0.0 32.0

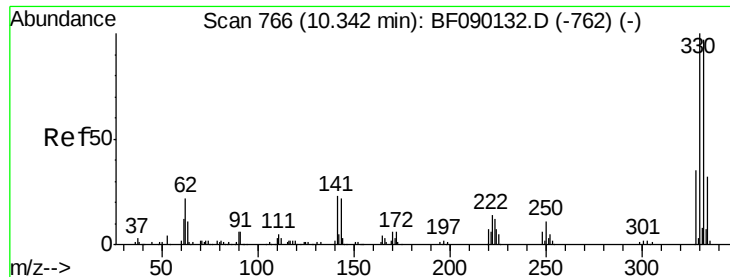


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

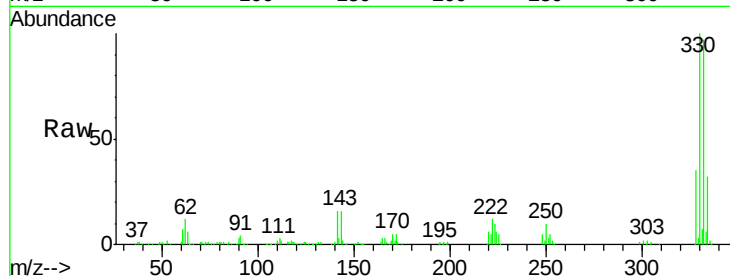




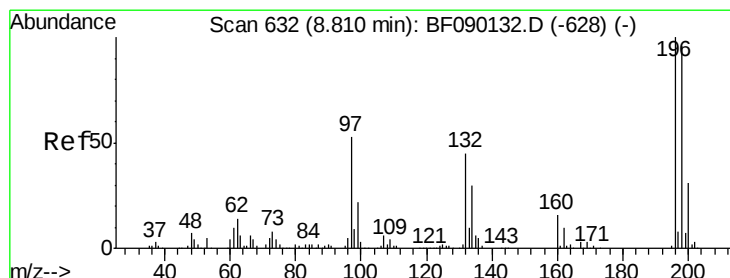
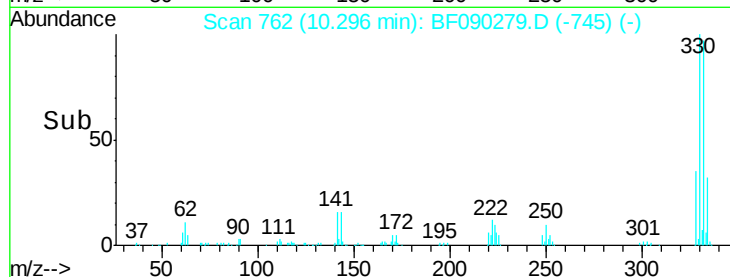
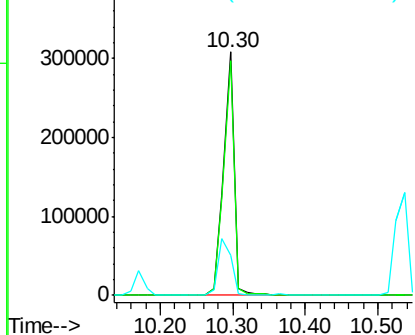
#41
 2,4,6-Tribromophenol
 Concen: 131.81 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion:330 Resp: 320240
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 28.8 23.9 35.9

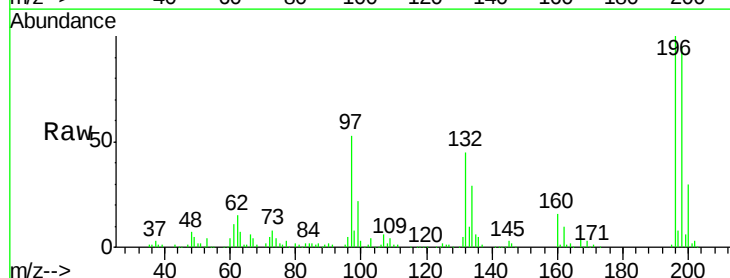


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

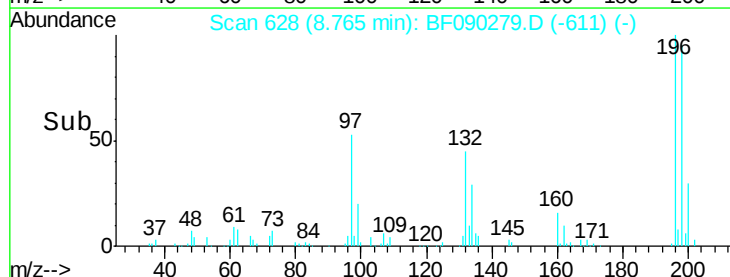
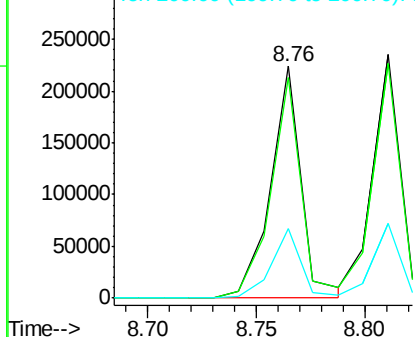


#42
 2,4,6-Trichlorophenol
 Concen: 47.59 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:196 Resp: 220449
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 30.3 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

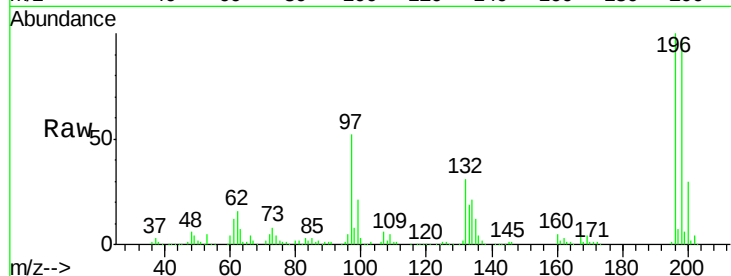




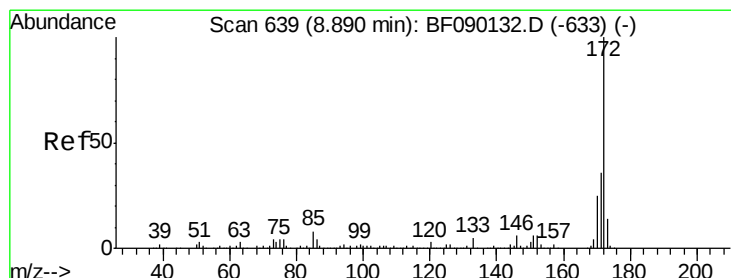
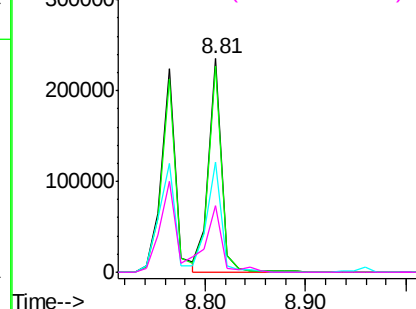
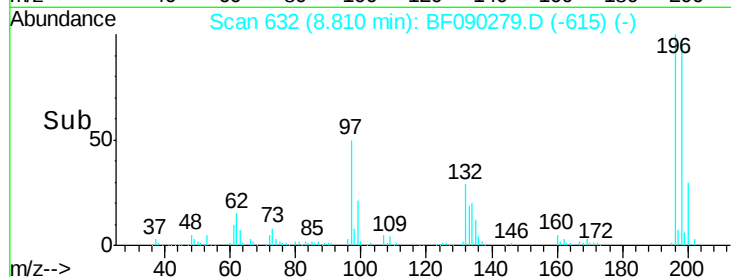
#43
 2,4,5-Trichlorophenol
 Concen: 44.37 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.6	114.8
97	51.7	34.4	51.6#
132	31.0	22.2	33.2

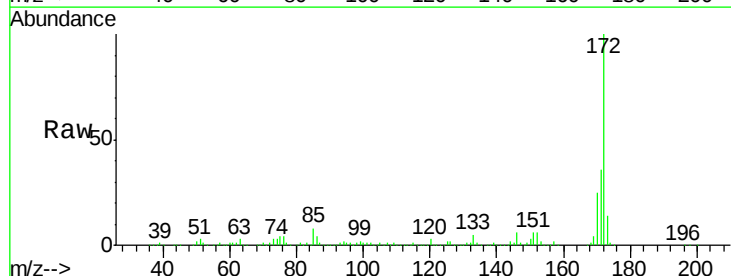


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

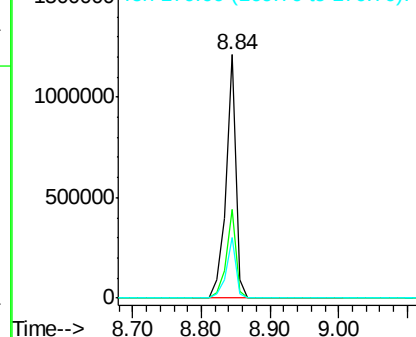
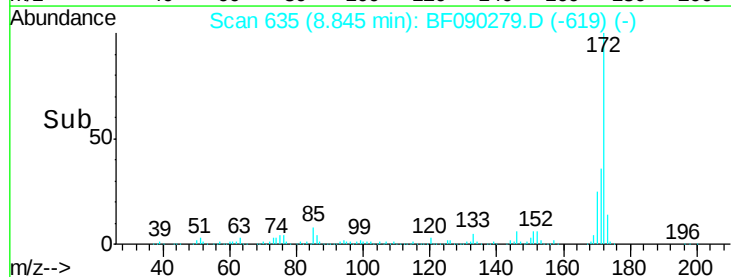


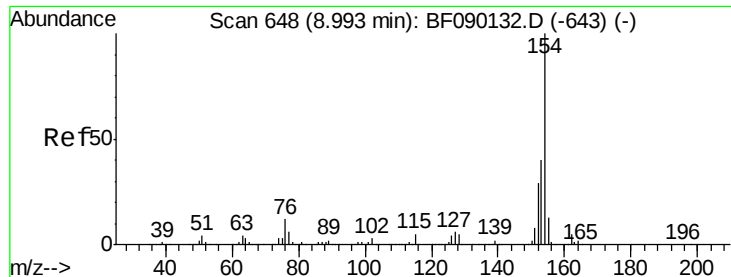
#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.8	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

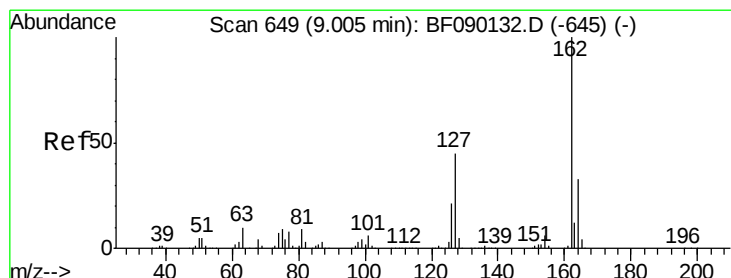
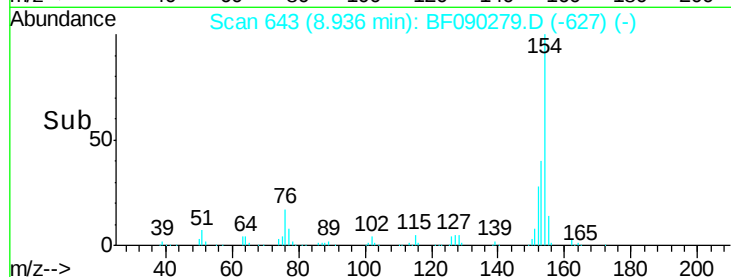
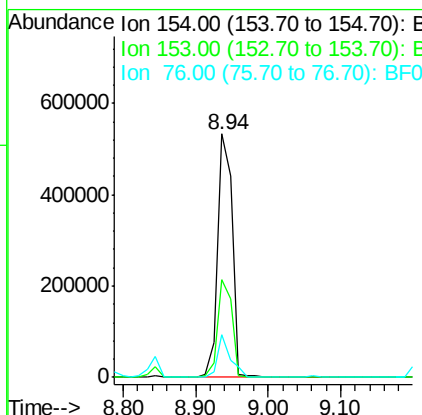
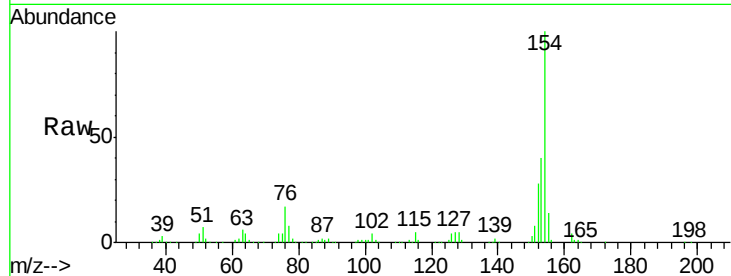




#45
 1,1'-Biphenyl
 Concen: 36.58 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

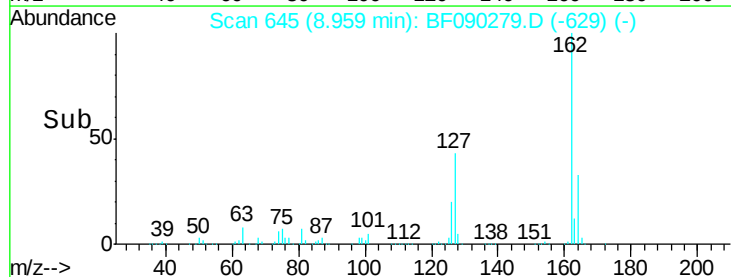
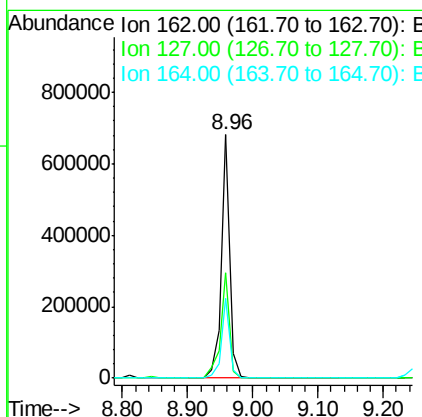
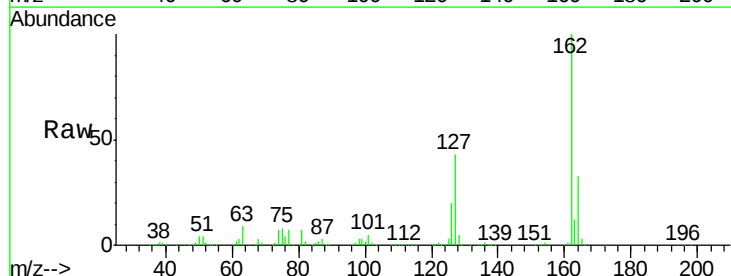
Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

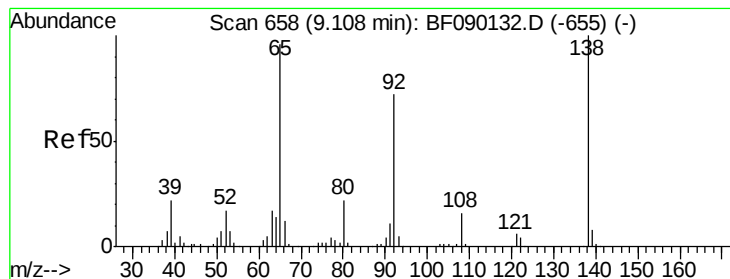
Tot Ion:154 Resp: 741102
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 17.4 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 42.28 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:162 Resp: 632010
 Ion Ratio Lower Upper
 162 100
 127 43.4 34.0 51.0
 164 32.7 26.8 40.2





#47

2-Nitroaniline

Concen: 41.93 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

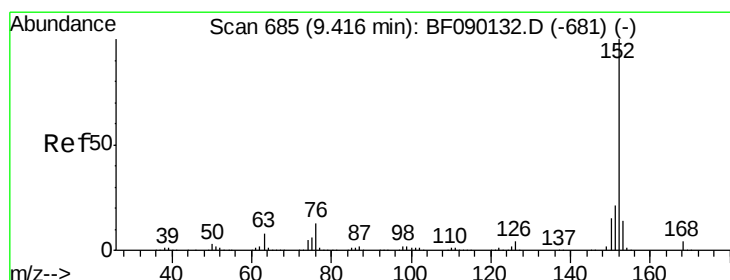
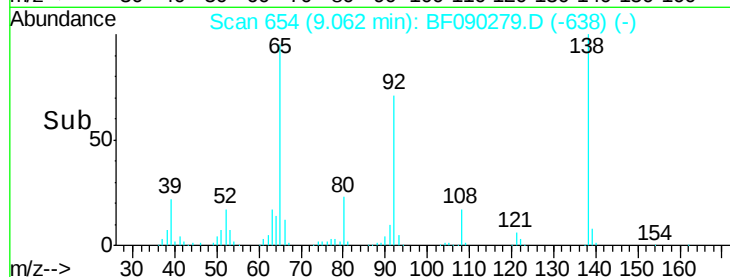
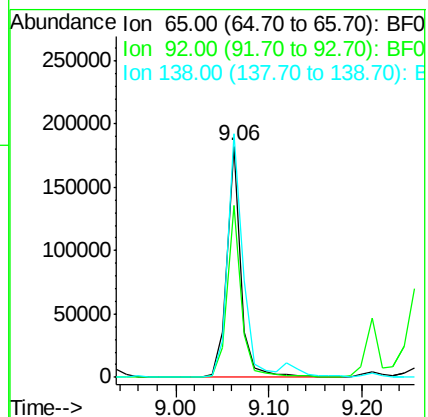
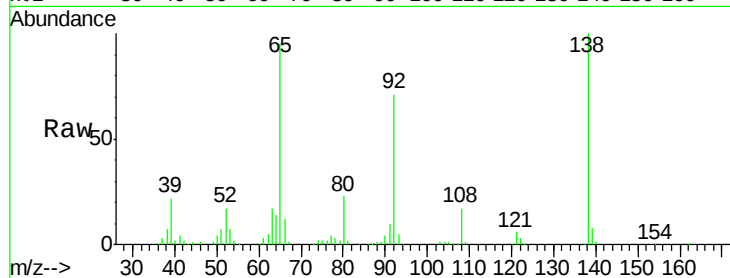
Tot Ion: 65 Resp: 188962

Ion Ratio Lower Upper

65 100

92 74.5 66.1 99.1

138 105.5 104.1 156.1



#48

Acenaphthylene

Concen: 44.12 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

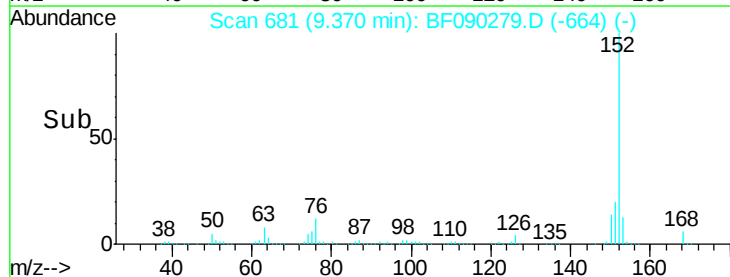
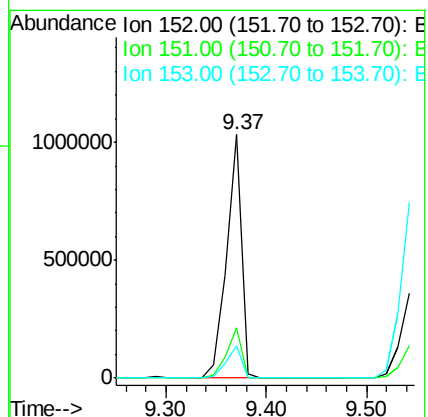
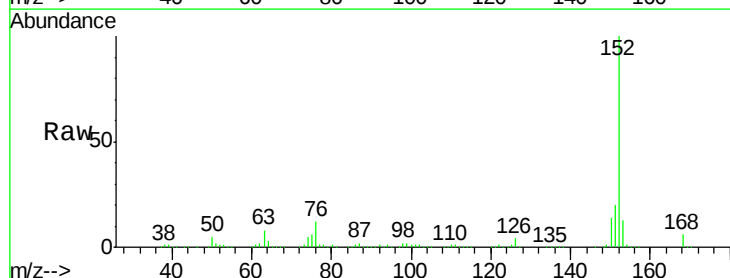
Tgt Ion: 152 Resp: 1070938

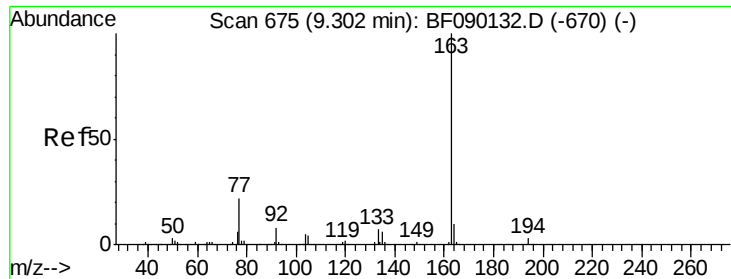
Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.1 10.6 15.8

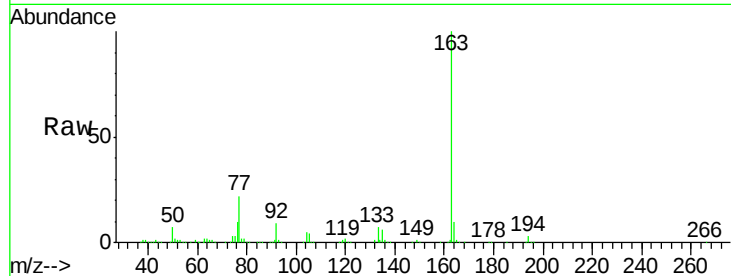




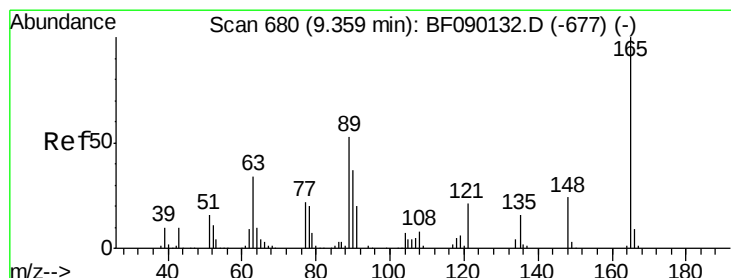
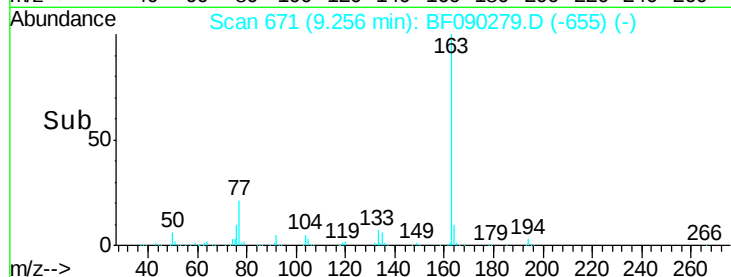
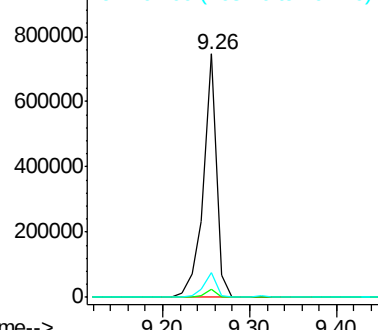
#49
Dimethylphthalate
Concen: 43.36 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion:163 Resp: 782120
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.1 12.1

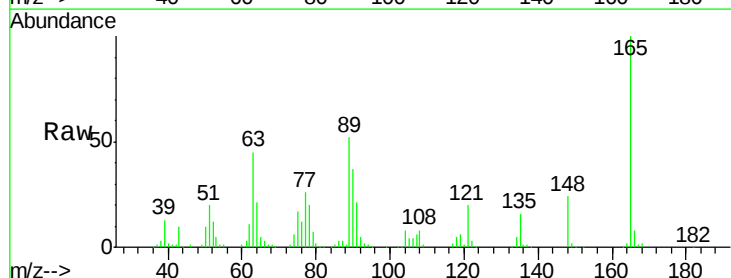


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

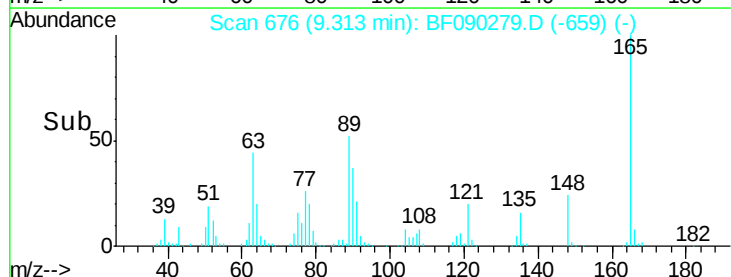
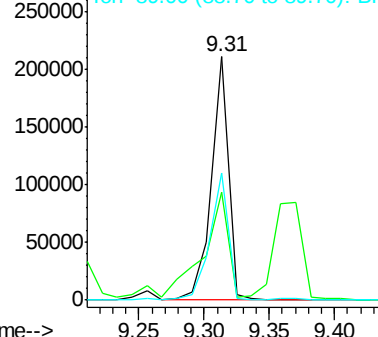


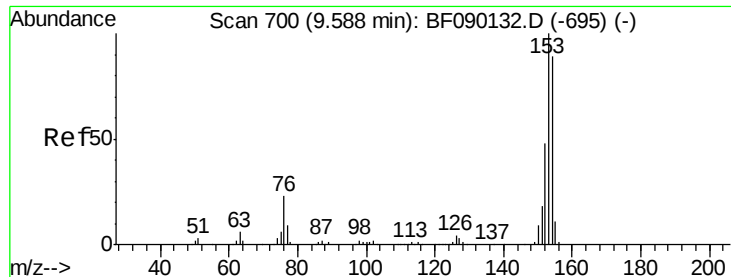
#50
2,6-Dinitrotoluene
Concen: 47.25 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:165 Resp: 189934
Ion Ratio Lower Upper
165 100
63 44.5 49.9 74.9#
89 52.3 51.0 76.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.07 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

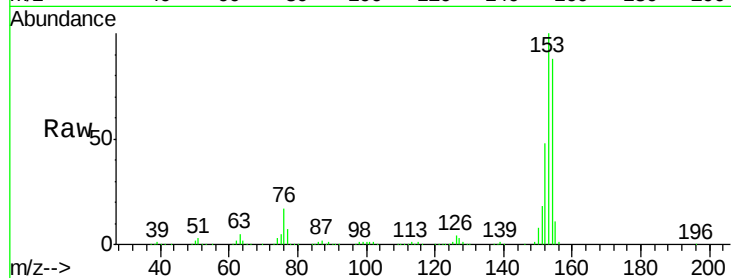
Tot Ion:154 Resp: 649443

Ion Ratio Lower Upper

154 100

153 113.2 90.8 136.2

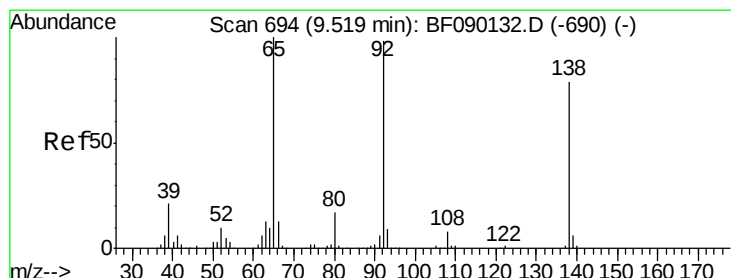
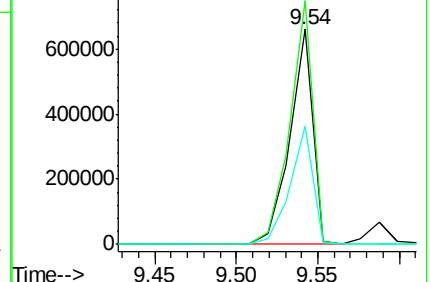
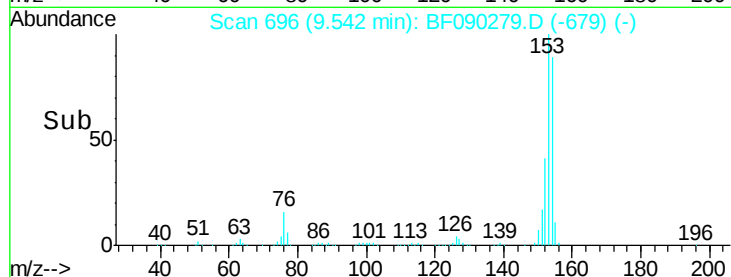
152 54.7 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.69 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

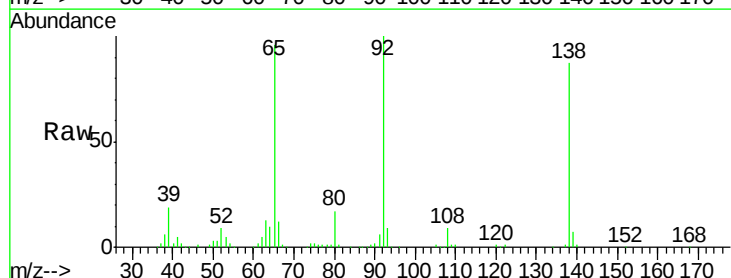
Tgt Ion:138 Resp: 135210

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

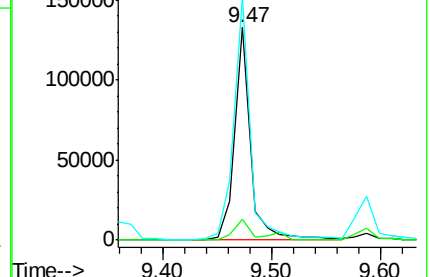
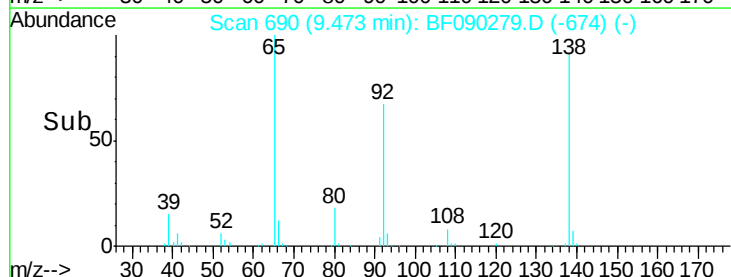
92 114.7 90.7 136.1

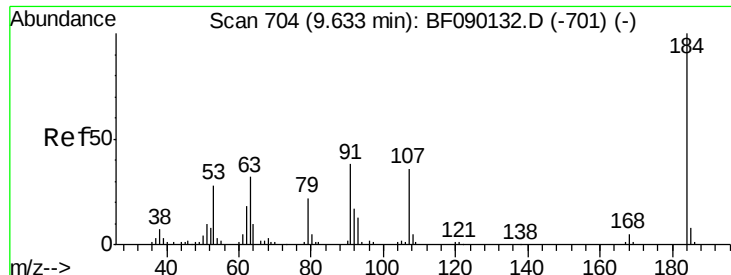


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

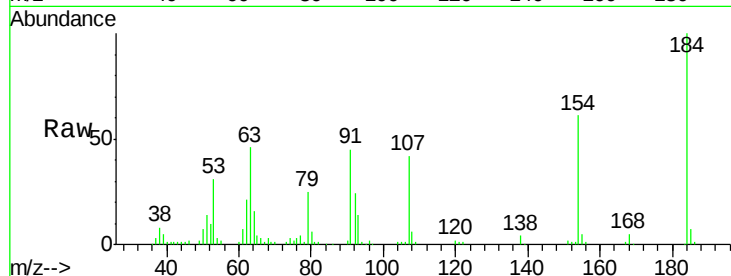




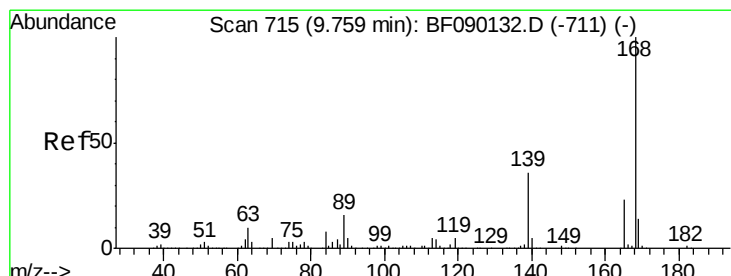
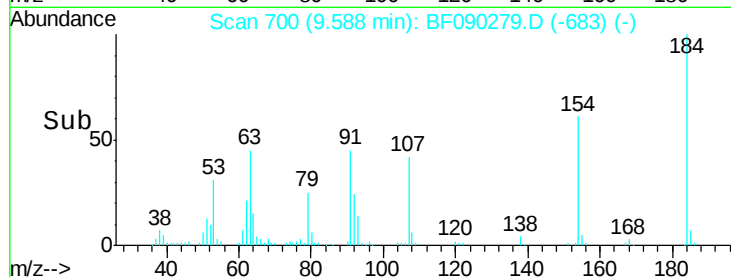
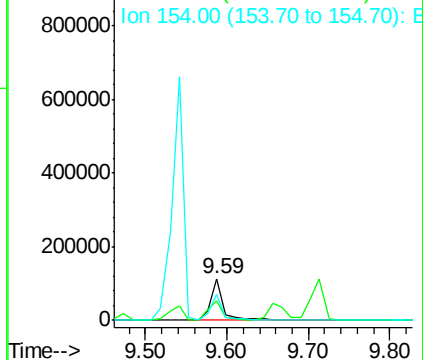
#53
2,4-Dinitrophenol
Concen: 55.56 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion:184 Resp: 122674
Ion Ratio Lower Upper
184 100
63 46.2 44.6 67.0
154 60.8 49.7 74.5

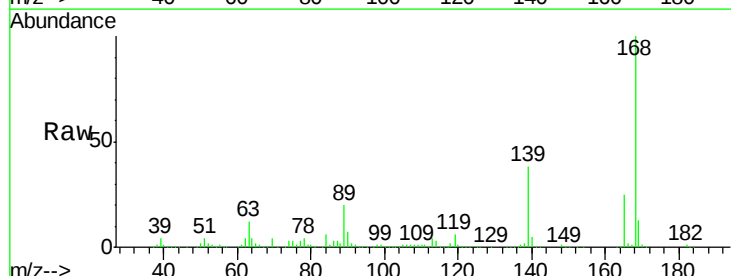


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

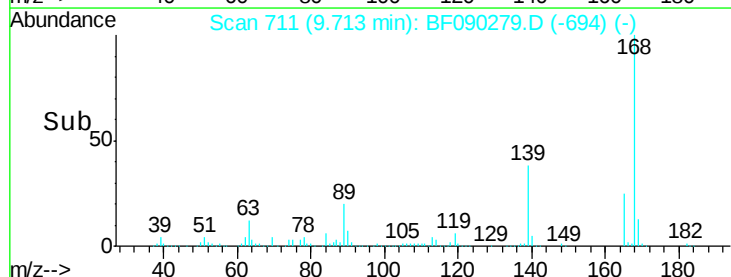
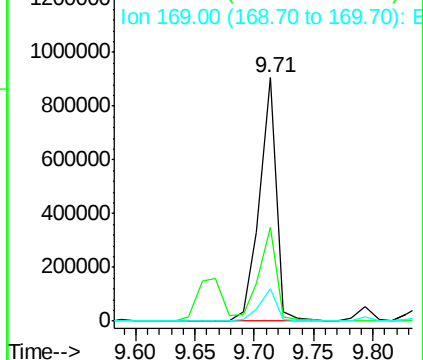


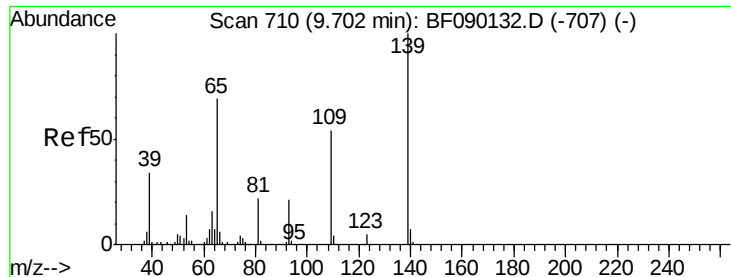
#54
Dibenzofuran
Concen: 47.97 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:168 Resp: 909520
Ion Ratio Lower Upper
168 100
139 38.4 28.8 43.2
169 13.4 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.45 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

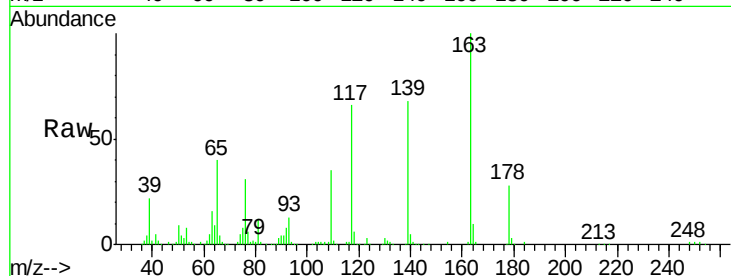
Tot Ion:139 Resp: 233928

Ion Ratio Lower Upper

139 100

109 51.9 35.6 75.6

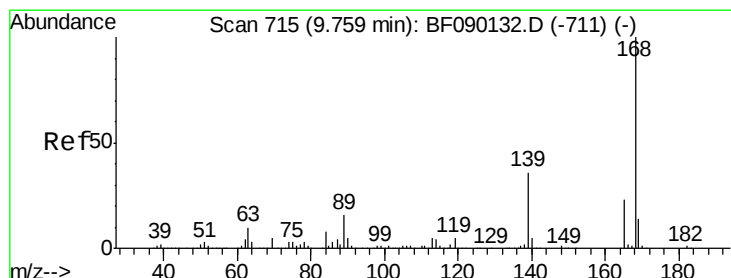
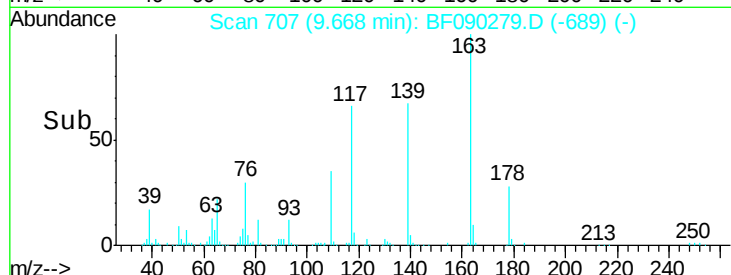
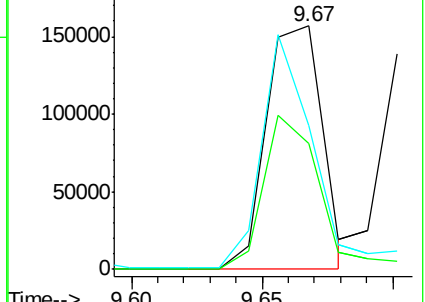
65 58.8 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 45.77 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Tgt Ion:165 Resp: 217583

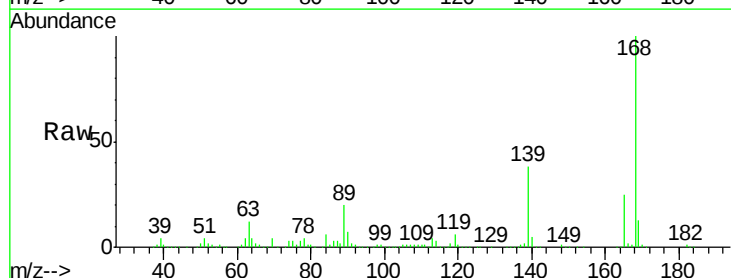
Ion Ratio Lower Upper

165 100

63 50.2 44.4 66.6

89 80.6 70.1 105.1

182 2.1 1.7 2.5

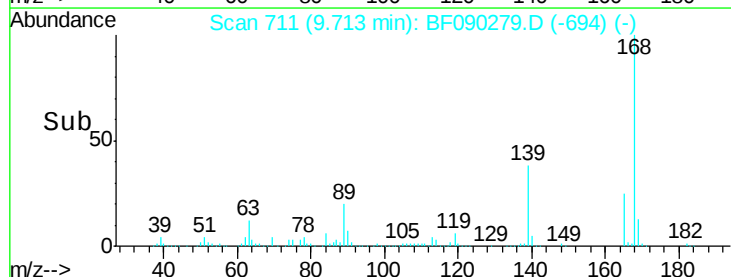
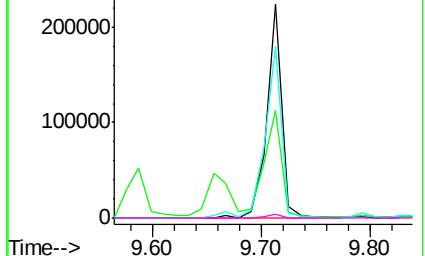


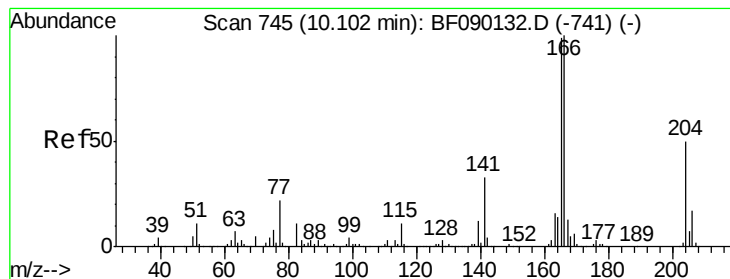
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.71 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

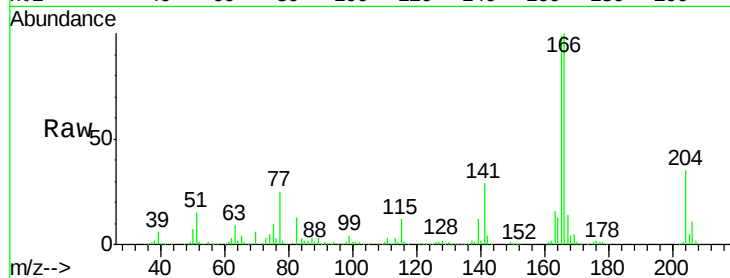
Tot Ion:166 Resp: 667502

Ion Ratio Lower Upper

166 100

165 99.0 78.5 117.7

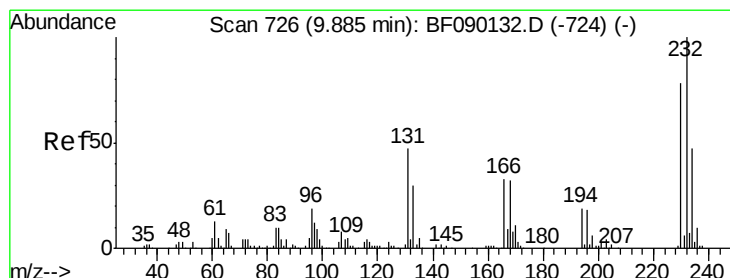
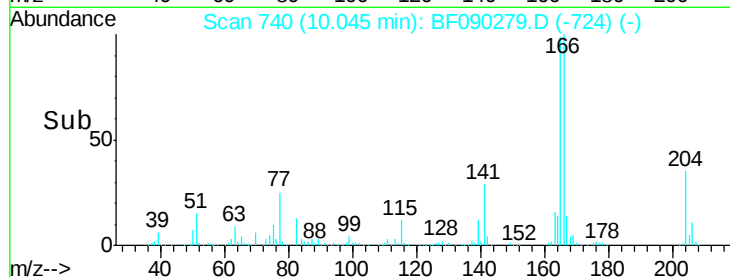
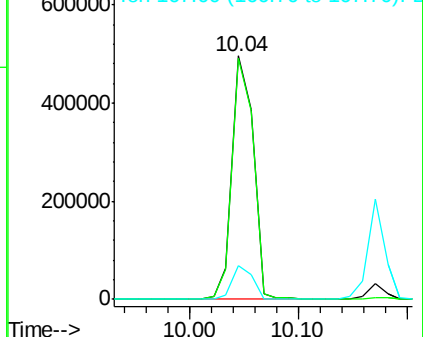
167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.93 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Tgt Ion:232 Resp: 172103

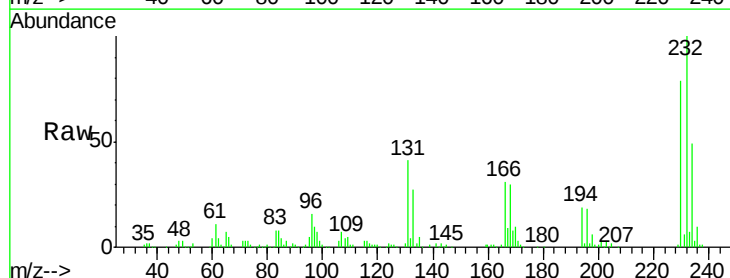
Ion Ratio Lower Upper

232 100

131 49.3 42.2 63.4

130 2.1 1.9 2.9

166 33.6 26.4 39.6

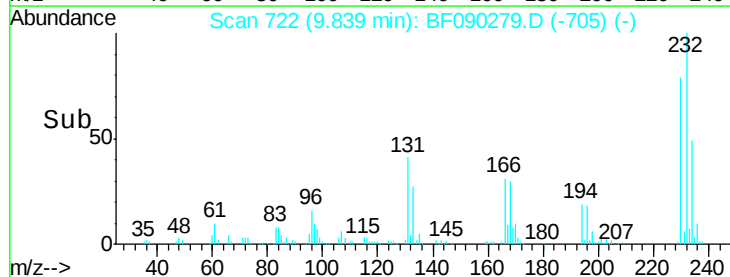
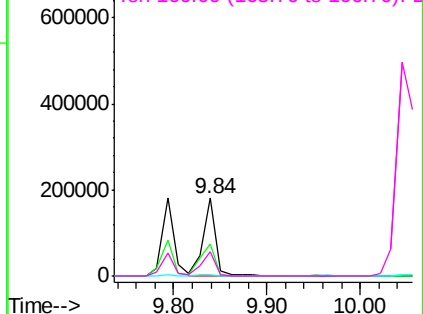


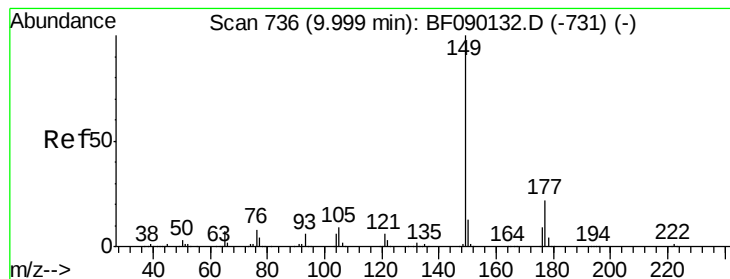
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.35 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

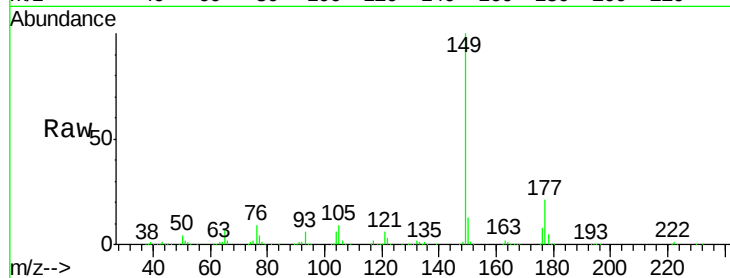
Tot Ion:149 Resp: 842311

Ion Ratio Lower Upper

149 100

177 21.3 15.8 23.6

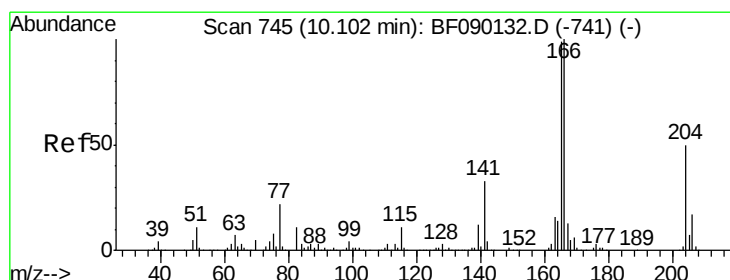
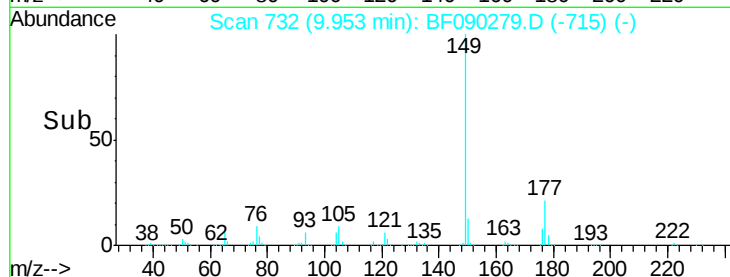
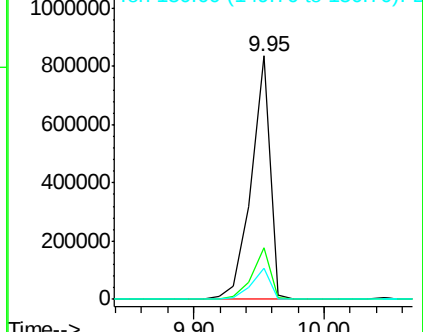
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.43 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

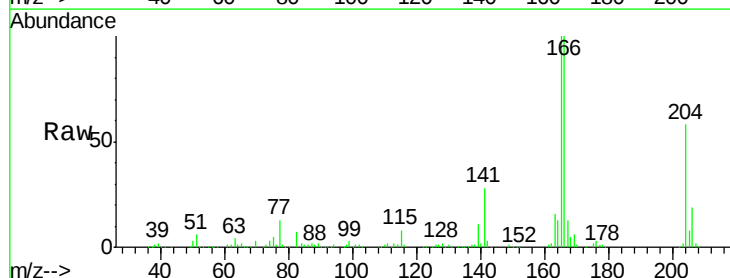
Tgt Ion:204 Resp: 289547

Ion Ratio Lower Upper

204 100

206 32.8 25.6 38.4

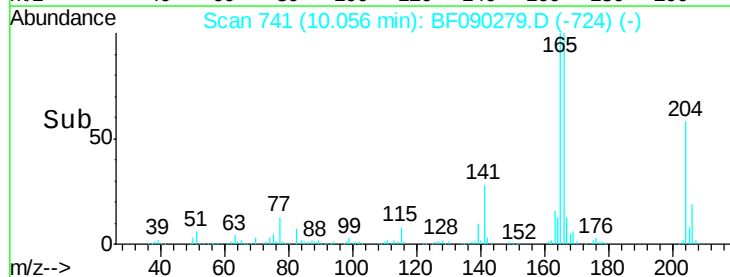
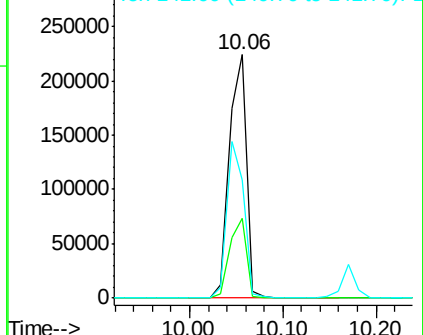
141 48.4 64.4 96.6#

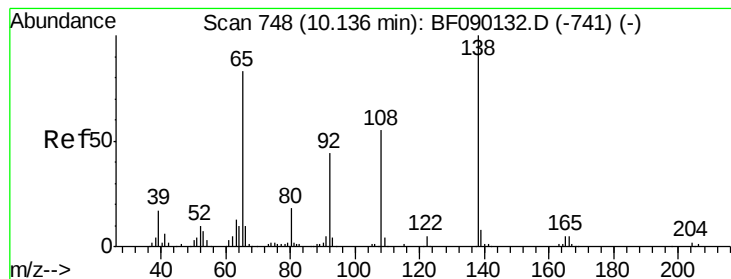


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.31 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

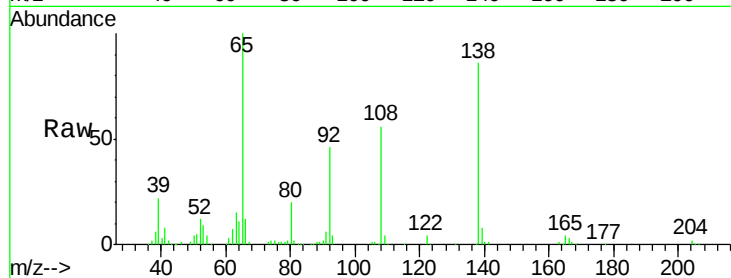
Tot Ion:138 Resp: 179212

Ion Ratio Lower Upper

138 100

92 53.6 23.8 63.8

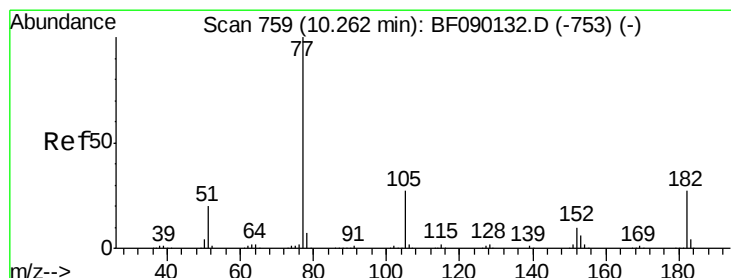
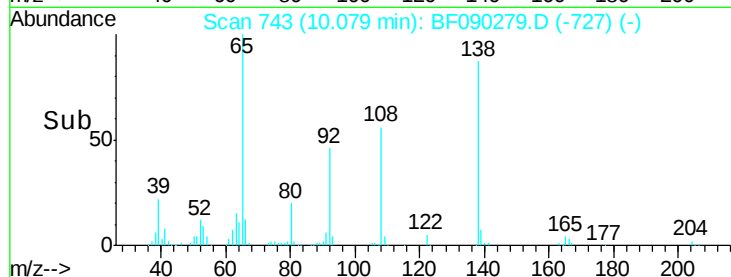
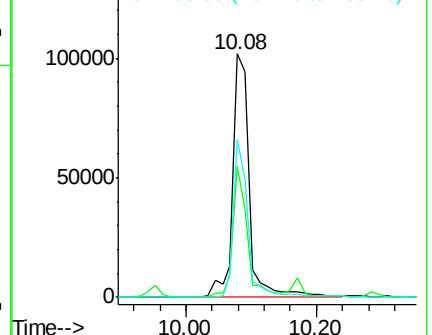
108 65.0 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.49 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Tgt Ion: 77 Resp: 788596

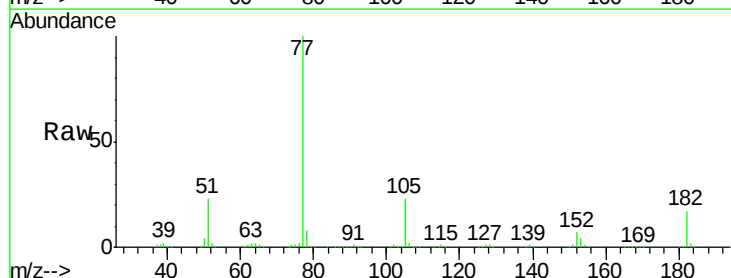
Ion Ratio Lower Upper

77 100

182 17.3 0.0 38.4

105 23.3 3.8 43.8

51 23.0 2.6 42.6

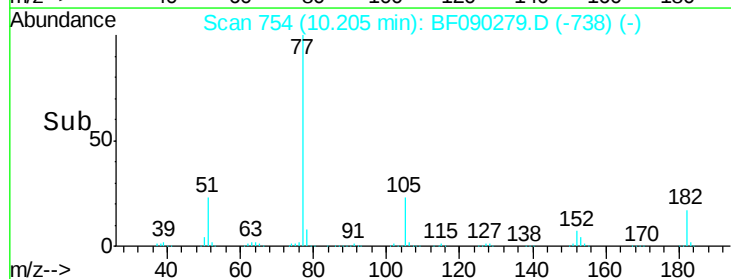
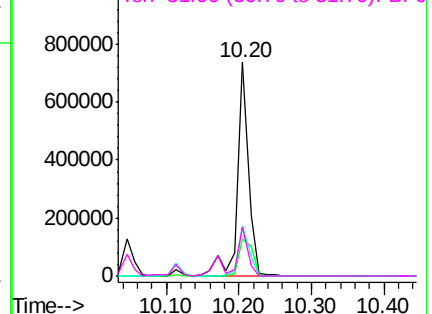


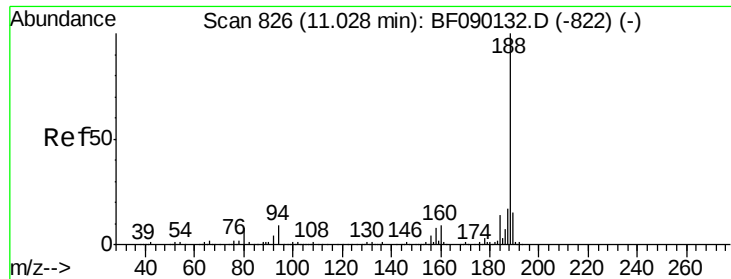
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

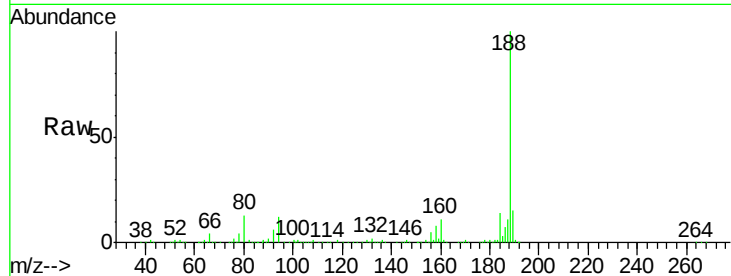




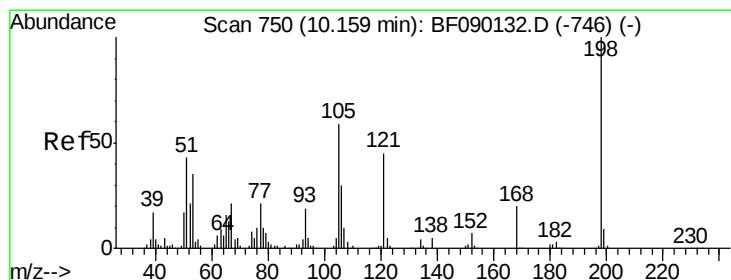
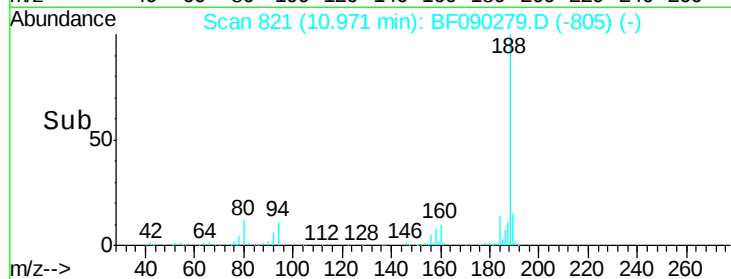
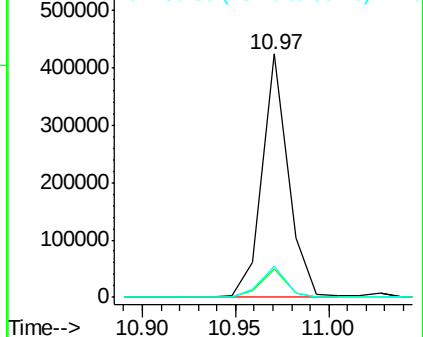
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion:188 Resp: 409145
Ion Ratio Lower Upper
188 100
94 11.5 10.5 15.7
80 12.8 11.2 16.8

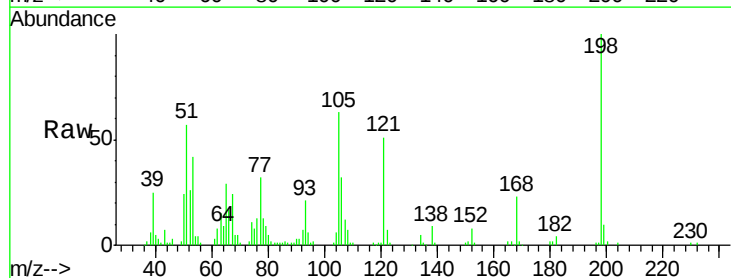


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

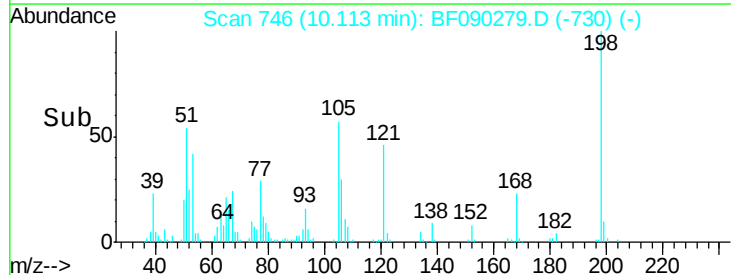
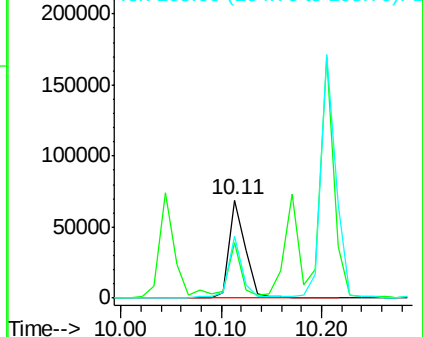


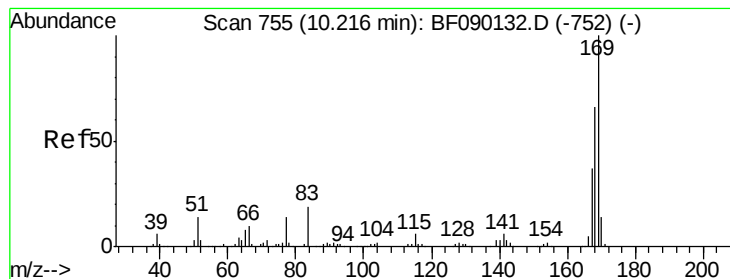
#64
4,6-Dinitro-2-methylphenol
Concen: 30.50 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:198 Resp: 78158
Ion Ratio Lower Upper
198 100
51 56.5 5.5 45.5#
105 63.1 21.8 61.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.36 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

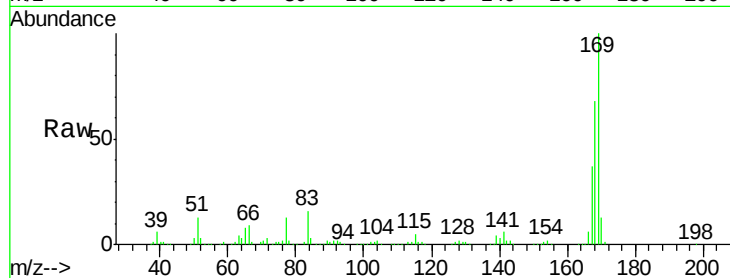
Tot Ion:169 Resp: 596794

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

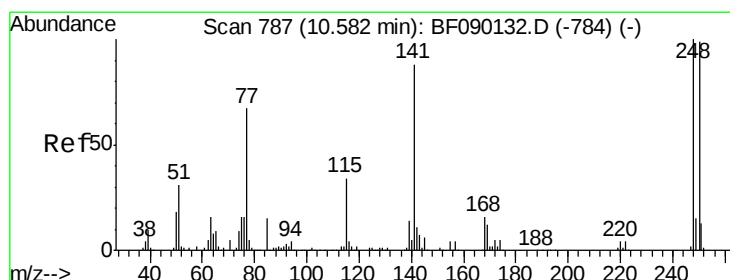
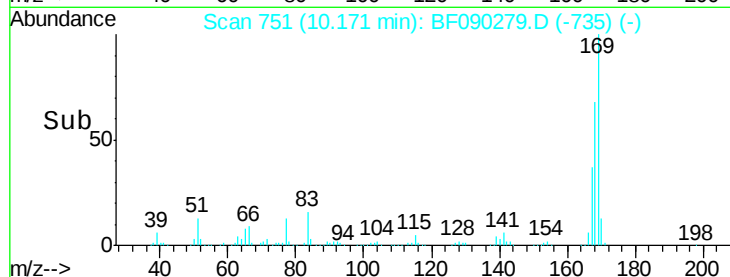
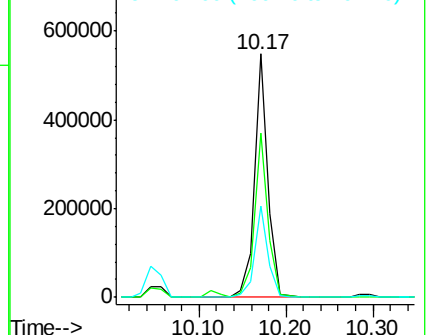
167 37.5 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.49 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

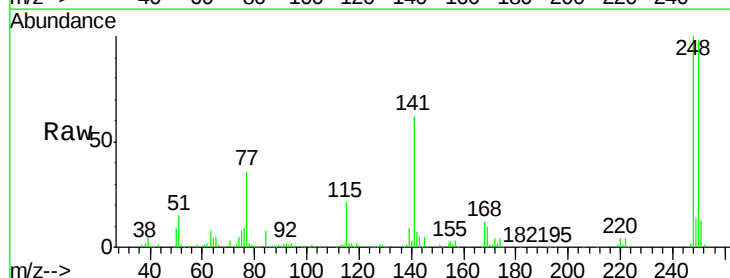
Tgt Ion:248 Resp: 203278

Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

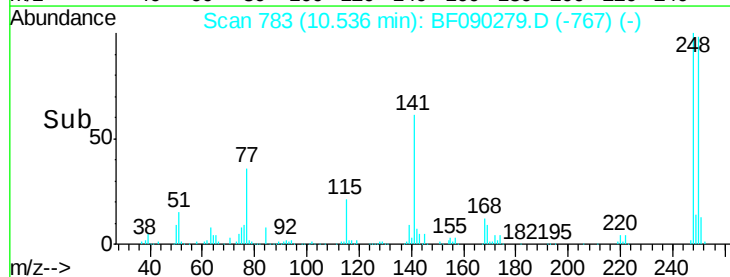
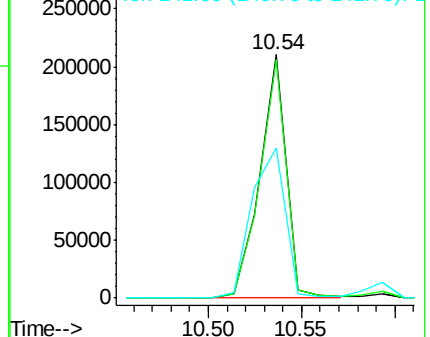
141 61.6 49.3 73.9

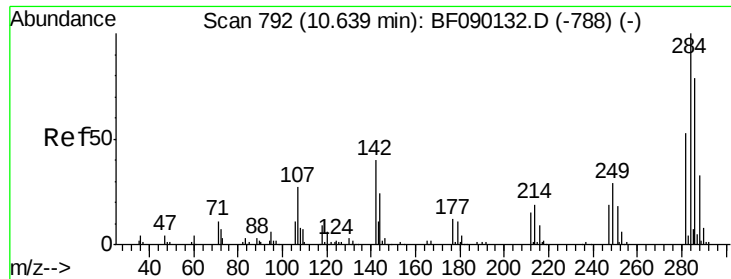


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

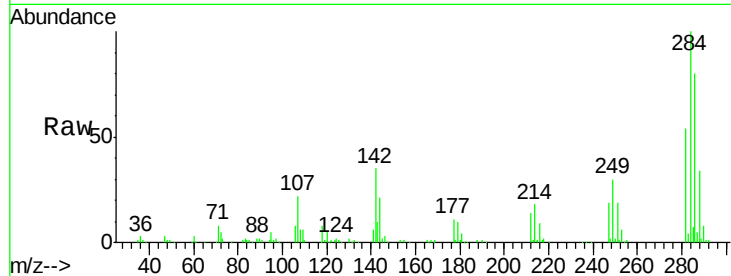




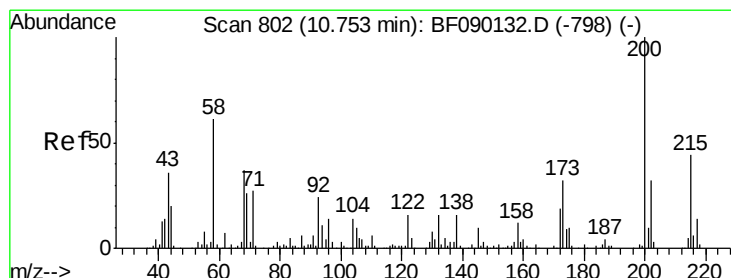
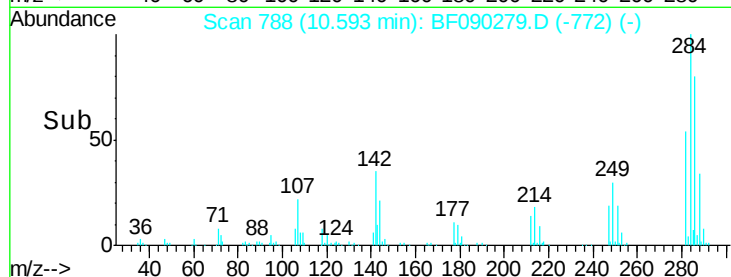
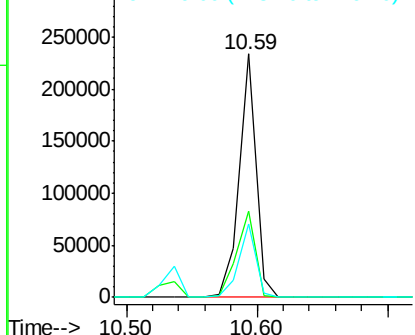
#67
Hexachlorobenzene
Concen: 44.19 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Instrument :
BNA_F
ClientSampleId :
PB93644BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.3	24.0	36.0
249	30.4	23.8	35.6

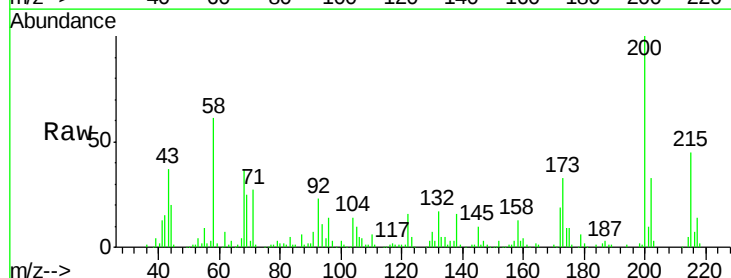


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

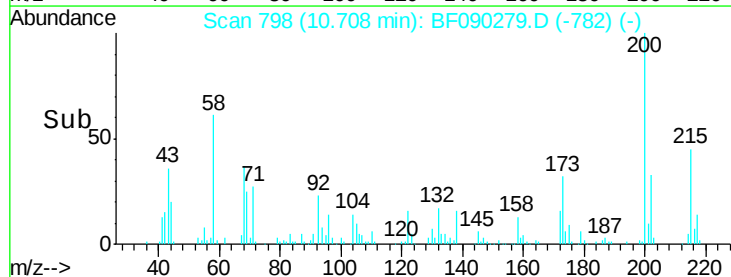
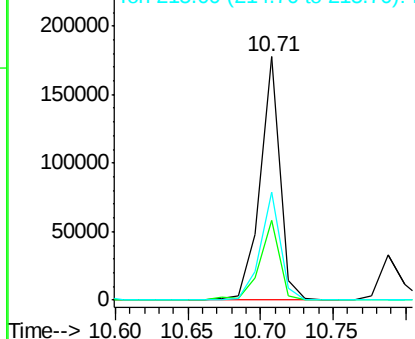


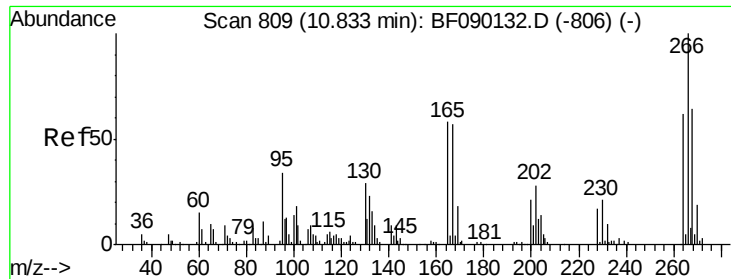
#68
Atrazine
Concen: 45.88 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.9	9.3	49.3
215	44.6	26.1	66.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

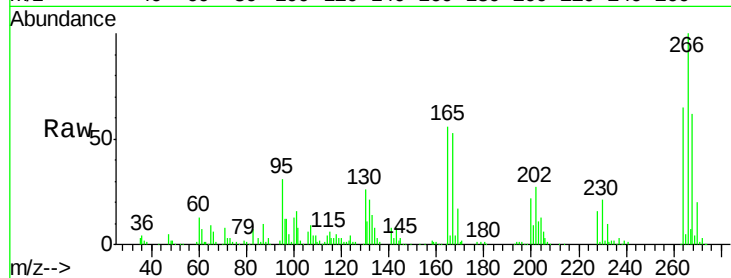




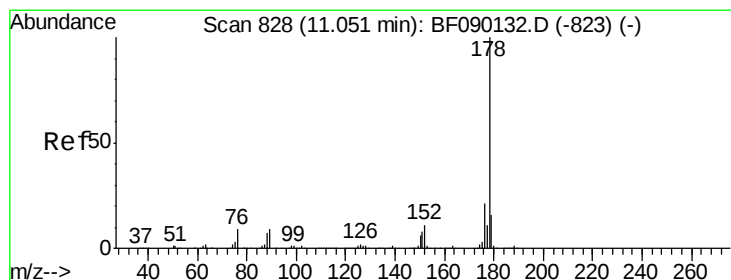
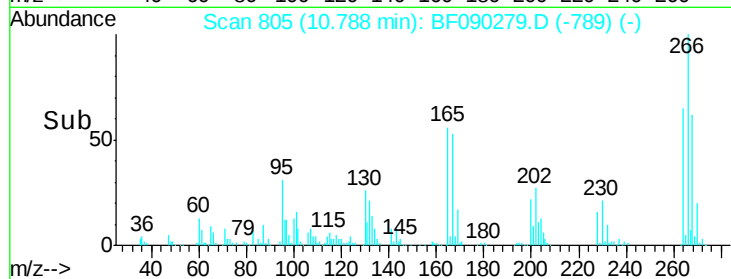
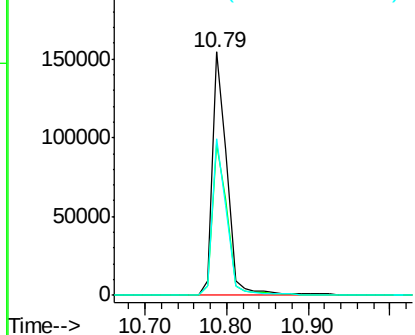
#69
 Pentachlorophenol
 Concen: 73.15 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion:266 Resp: 194833
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.1 78.1
 264 64.5 50.3 75.5

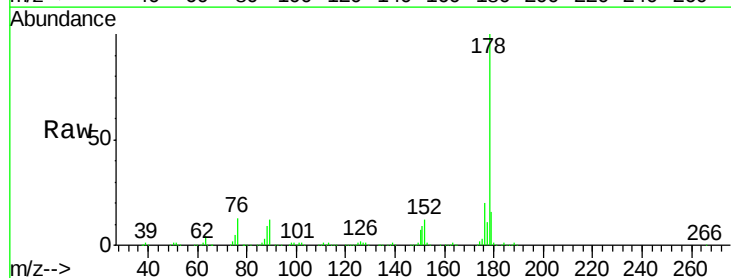


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

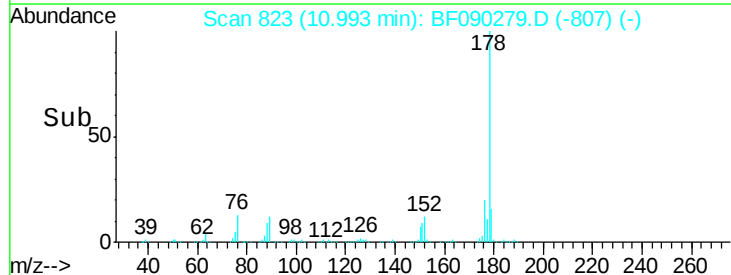
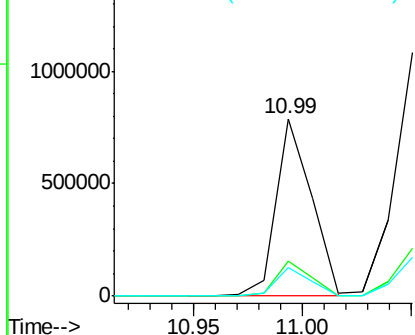


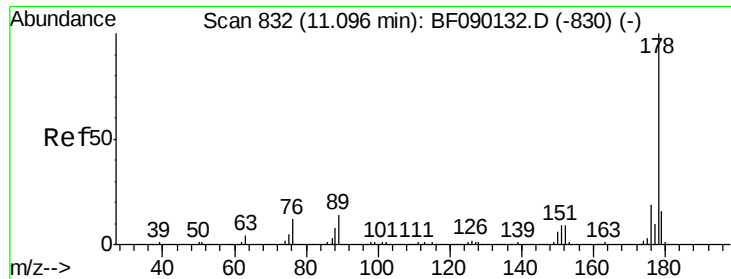
#70
 Phenanthrene
 Concen: 47.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:178 Resp: 899370
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

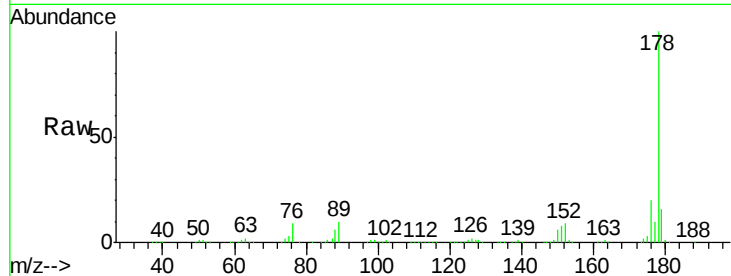




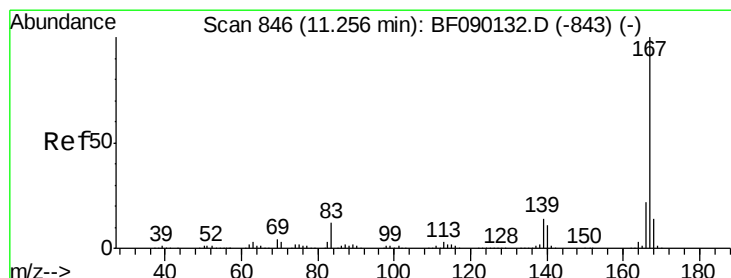
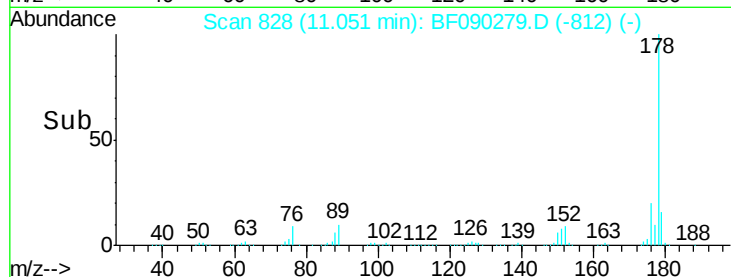
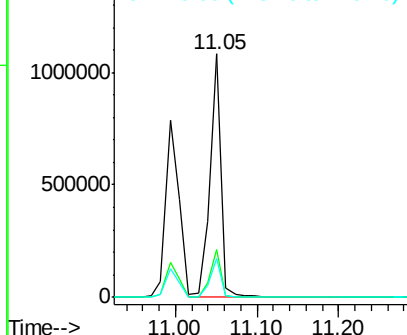
#71
 Anthracene
 Concen: 51.68 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion:178 Resp: 1037200
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.8 12.6 19.0

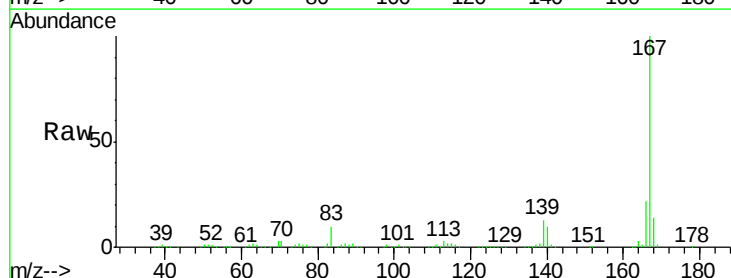


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

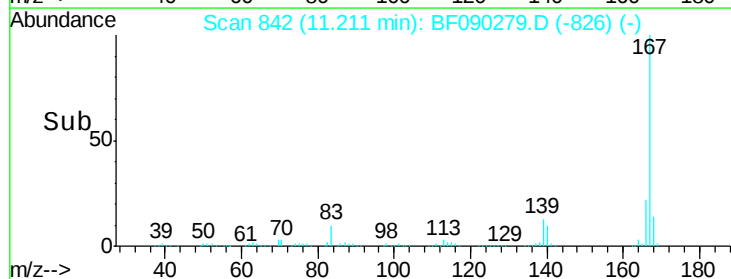
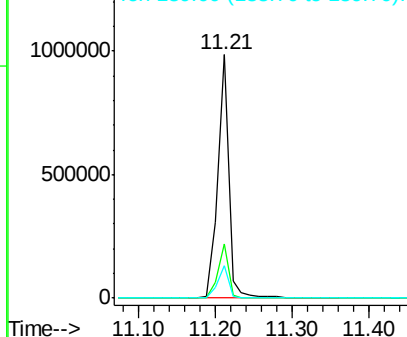


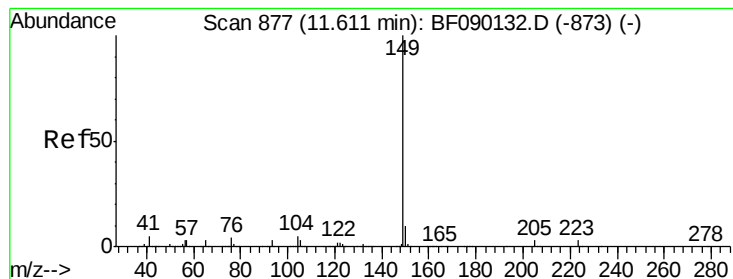
#72
 Carbazole
 Concen: 46.44 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:167 Resp: 985237
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.5 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.88 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

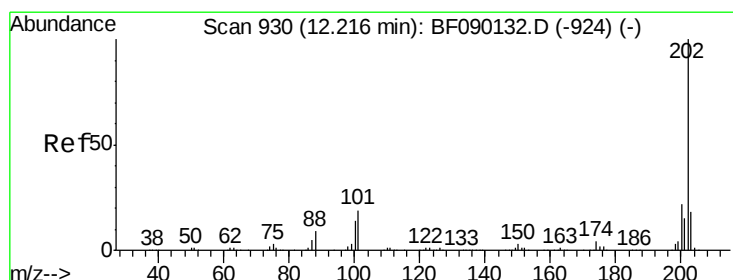
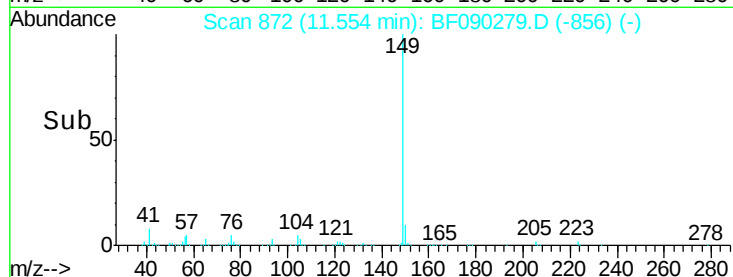
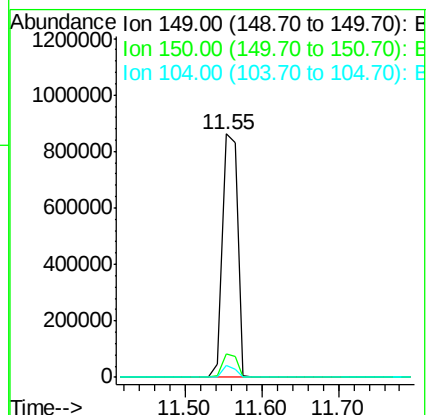
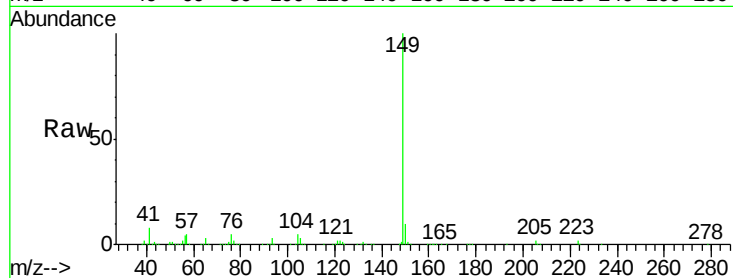
Tot Ion:149 Resp: 1206015

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 5.1 3.9 5.9



#74

Fluoranthene

Concen: 44.09 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

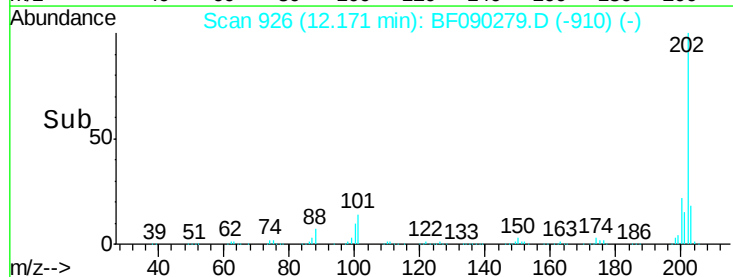
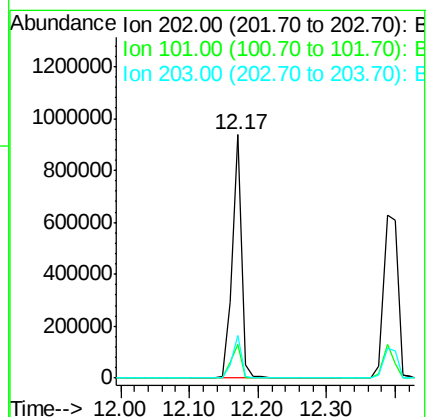
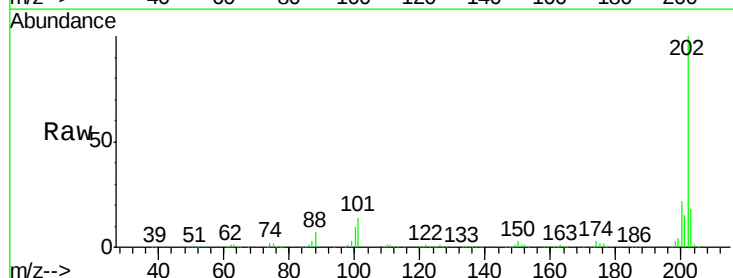
Tgt Ion:202 Resp: 905567

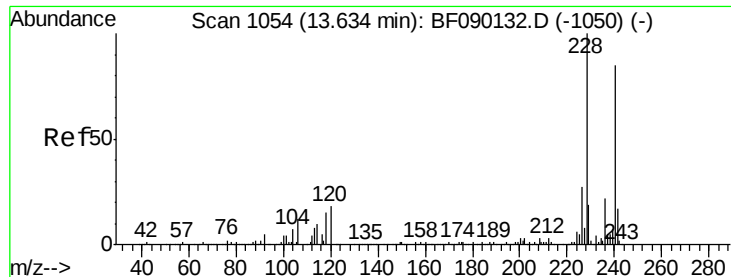
Ion Ratio Lower Upper

202 100

101 13.9 0.0 36.1

203 17.7 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

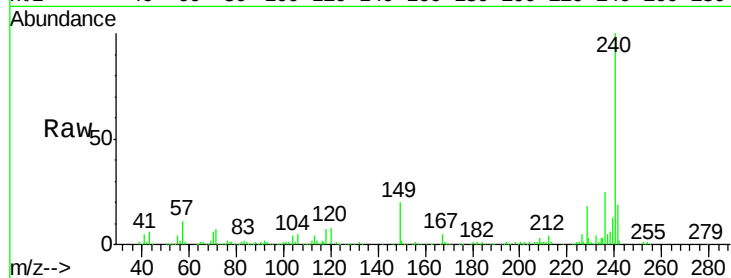
Tot Ion:240 Resp: 251672

Ion Ratio Lower Upper

240 100

120 8.3 10.6 16.0#

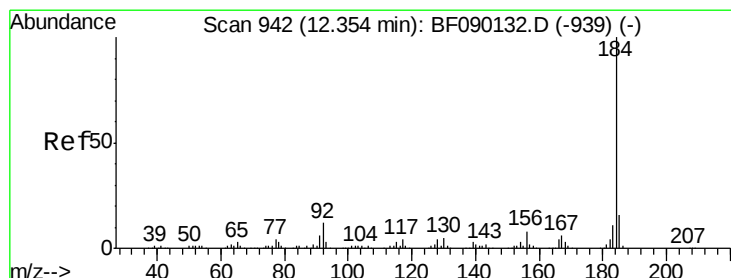
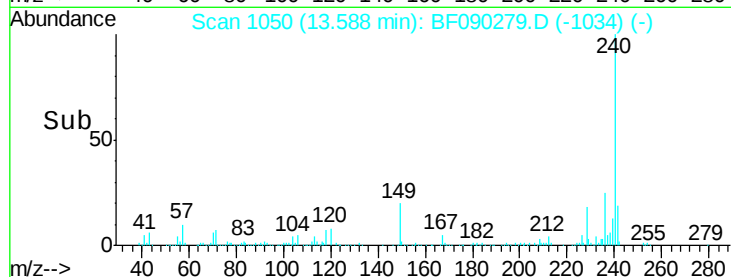
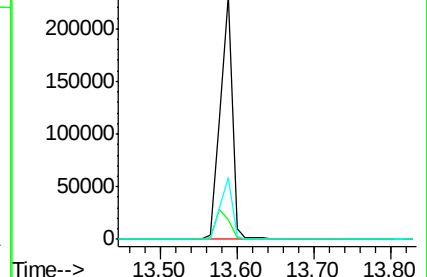
236 25.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.48 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

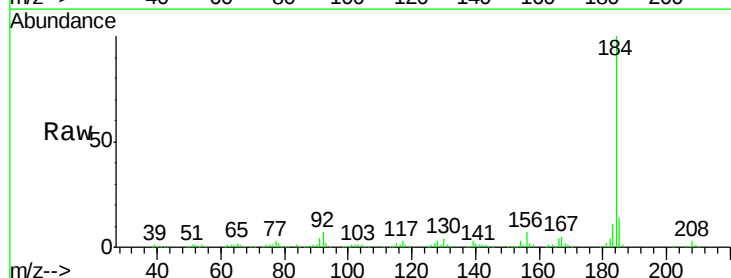
Tgt Ion:184 Resp: 332599

Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

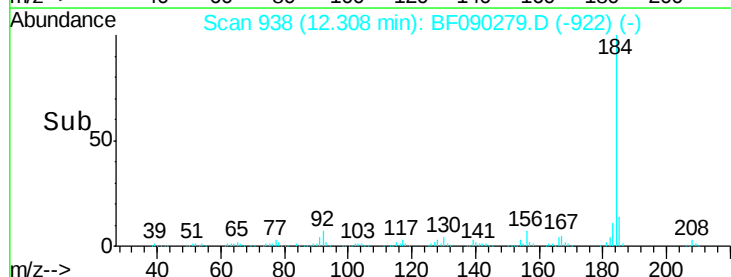
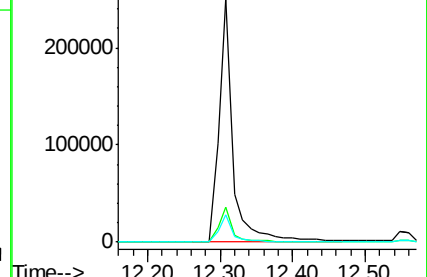
183 11.2 9.2 13.8

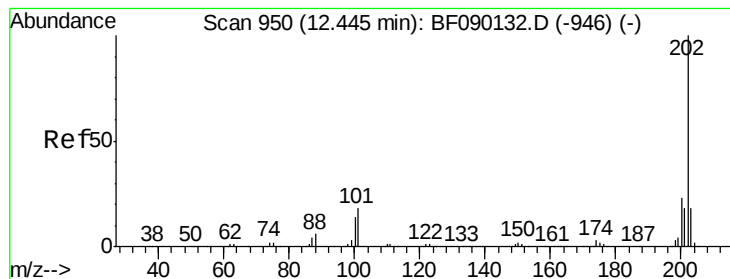


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.96 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

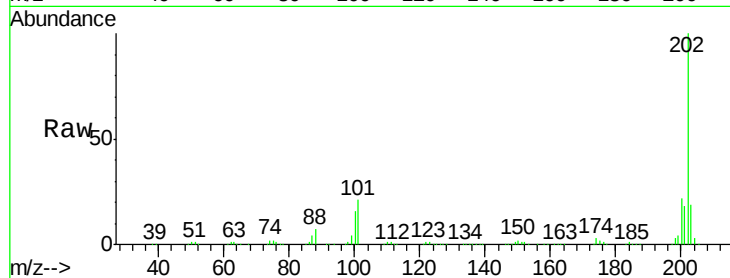
Tot Ion:202 Resp: 894906

Ion Ratio Lower Upper

202 100

200 21.6 17.9 26.9

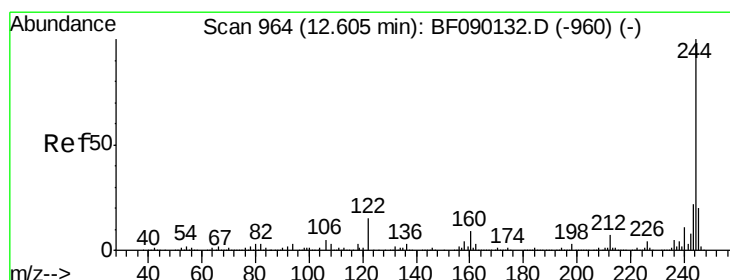
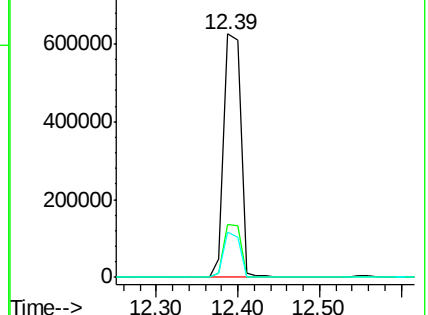
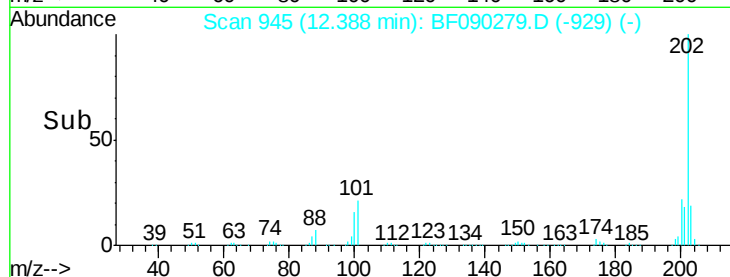
203 18.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 113.19 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

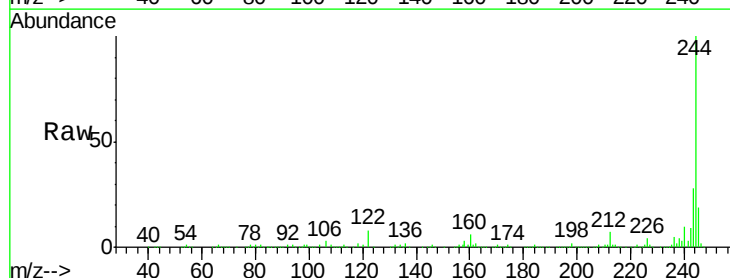
Tgt Ion:244 Resp: 1122033

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

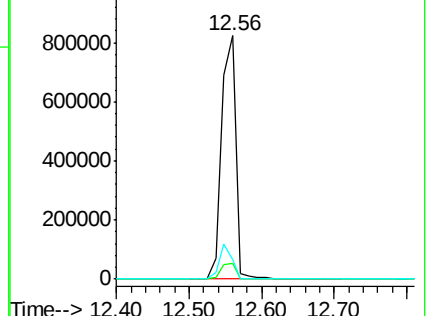
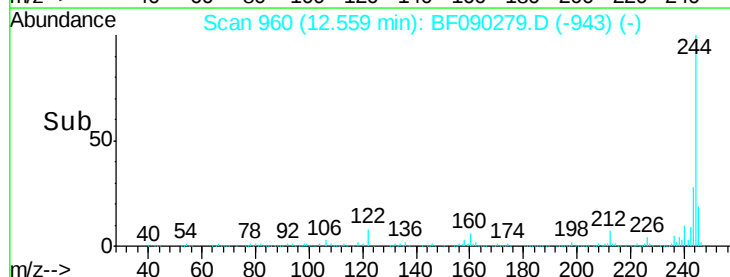
122 8.2 9.4 14.0#

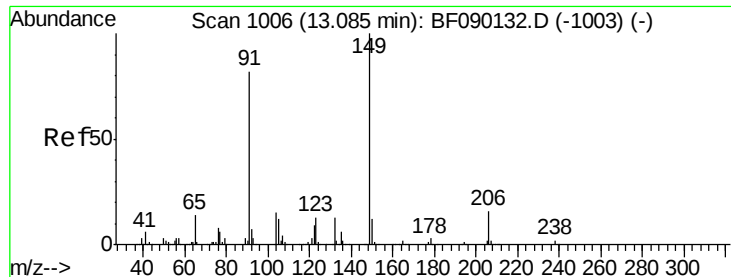


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

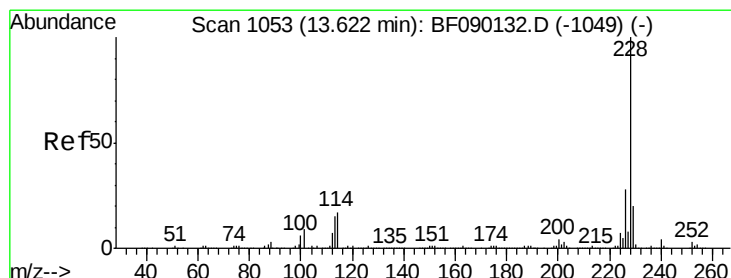
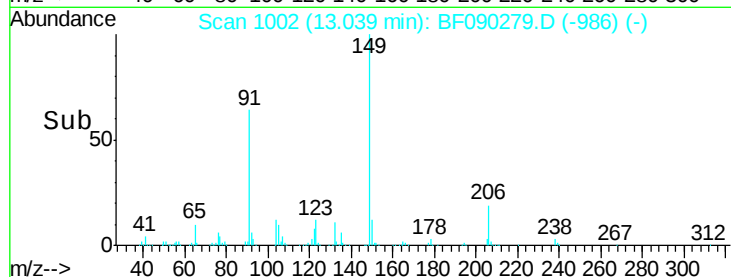
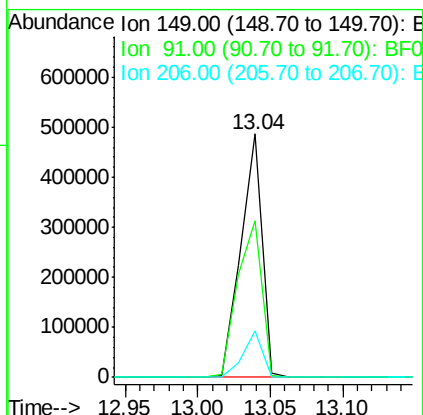
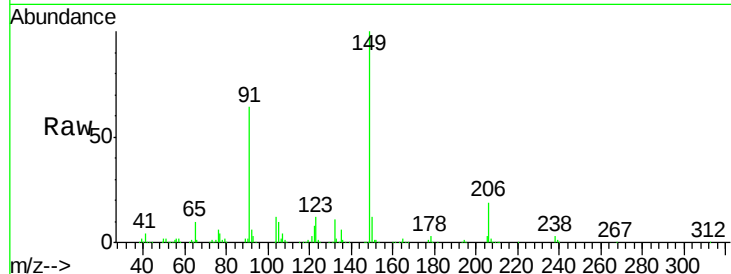




#79
Butylbenzylphthalate
Concen: 59.11 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

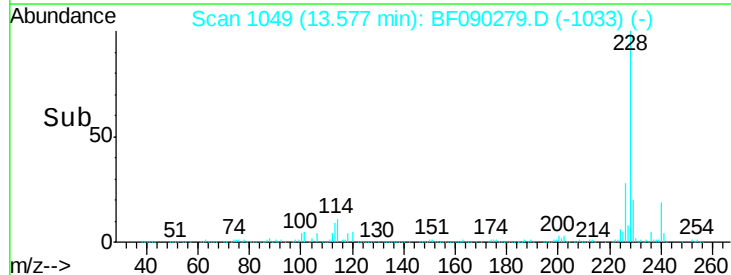
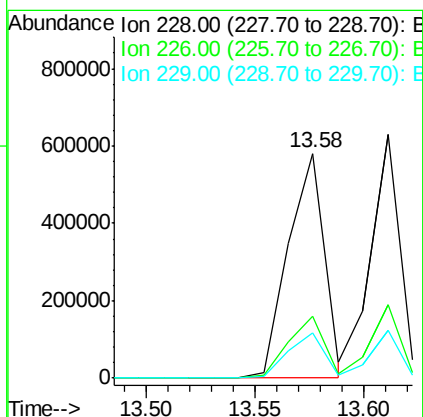
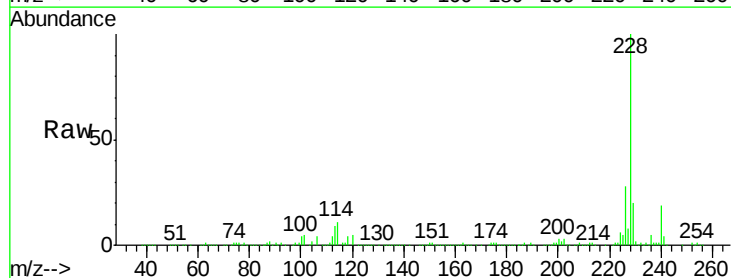
Instrument :
BNA_F
ClientSampleId :
PB93644BS

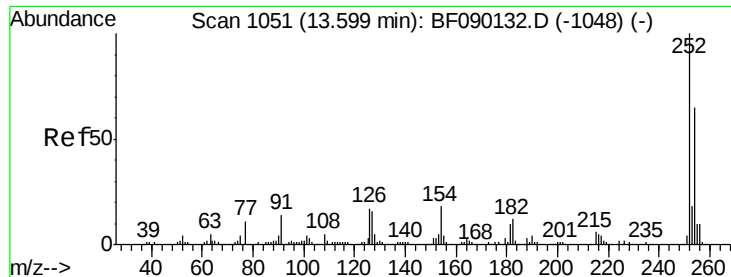
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	49.8	74.6
206	19.0	16.3	24.5



#80
Benzo(a)anthracene
Concen: 50.01 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.1	16.2	24.2

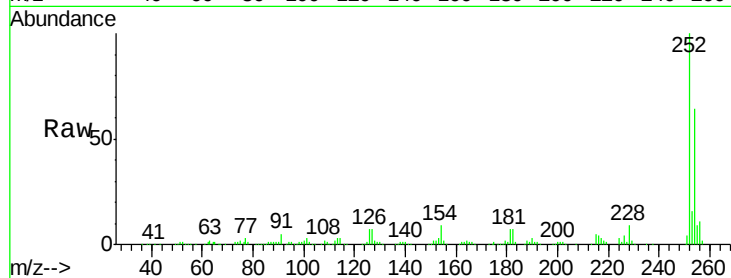




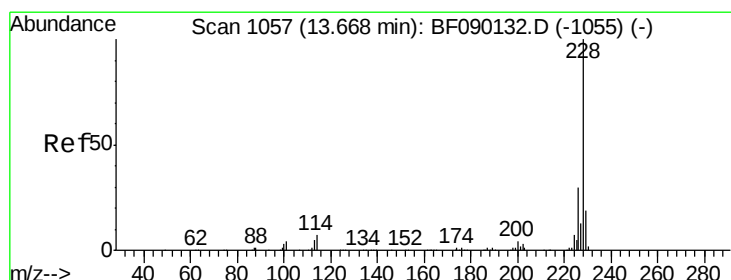
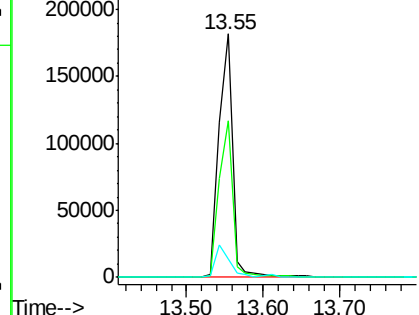
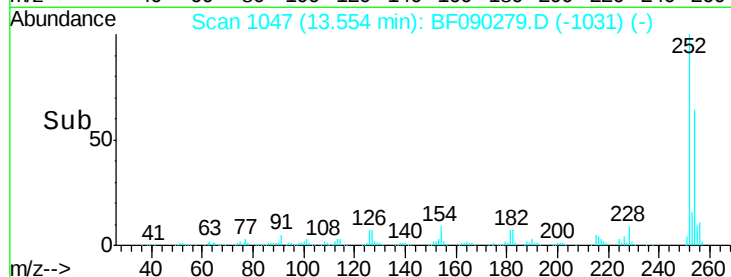
#81
 3,3'-Dichlorobenzidine
 Concen: 40.30 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BS

Tot Ion:252 Resp: 225043
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 7.3 9.2 13.8#

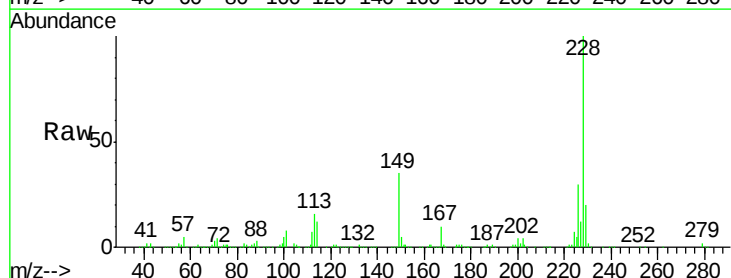


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

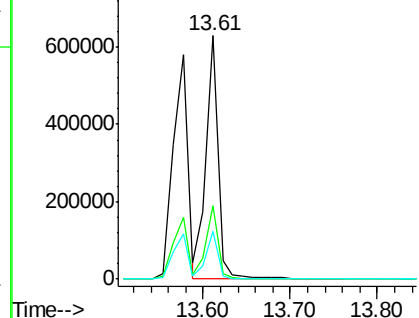
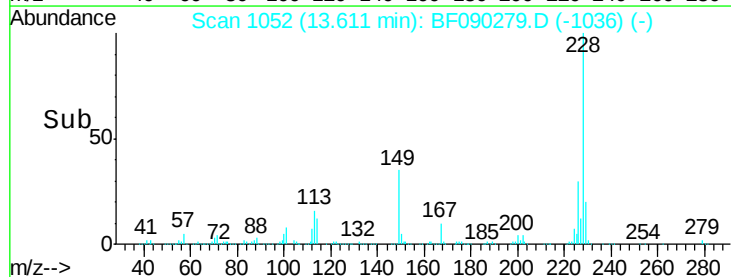


#82
 Chrysene
 Concen: 45.68 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF090279.D
 Acq: 28 Sep 2016 14:40

Tgt Ion:228 Resp: 602523
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.6 37.0
 229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.98 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

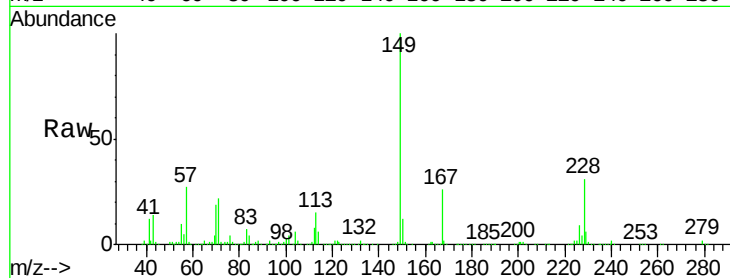
Tot Ion:149 Resp: 581954

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

279 2.4 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

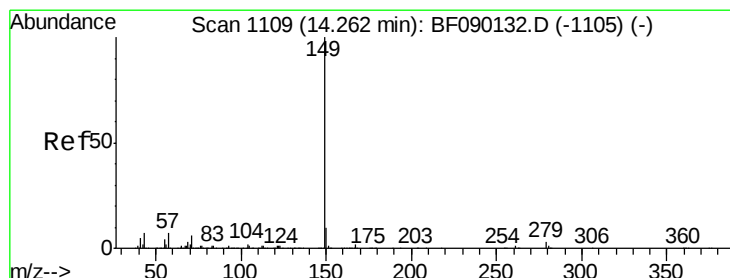
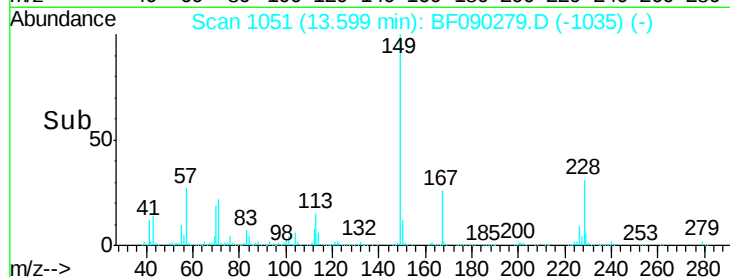
Ion 279.00 (278.70 to 279.70): E

600000 13.60

200000

0

Time--> 13.50 13.60 13.70



#84

Di-n-octyl phthalate

Concen: 53.91 ng

RT: 14.21 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

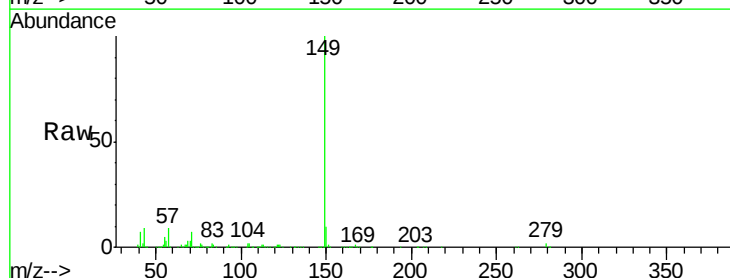
Tgt Ion:149 Resp: 1001073

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.8 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

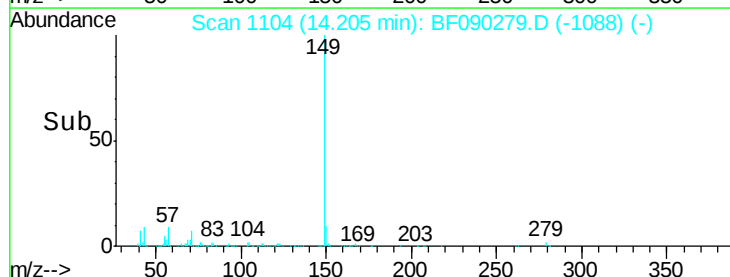
1200000 14.21

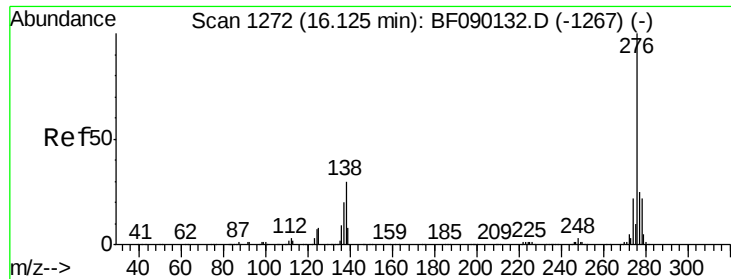
800000

400000

200000

Time--> 14.10 14.20 14.30 14.40

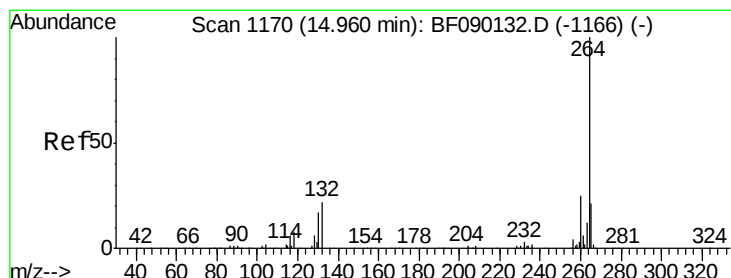
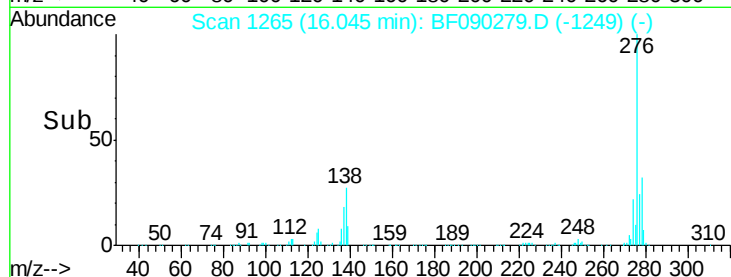
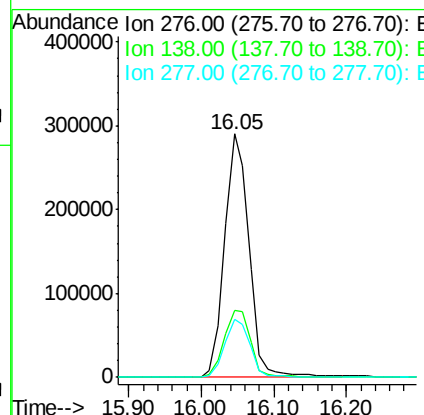
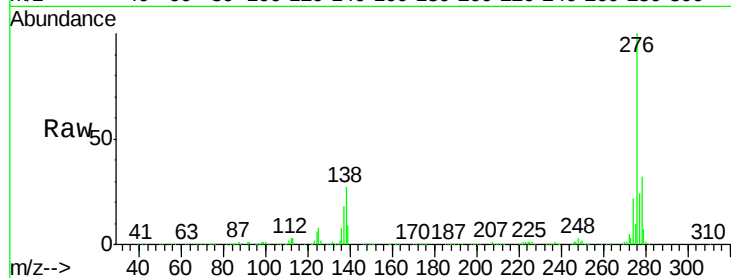




#85
Indeno(1,2,3-cd)pyrene
Concen: 63.90 ng
RT: 16.05 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

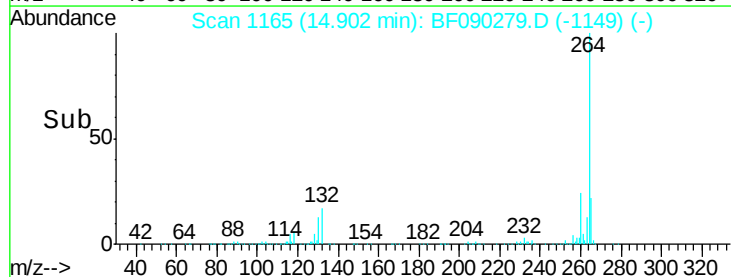
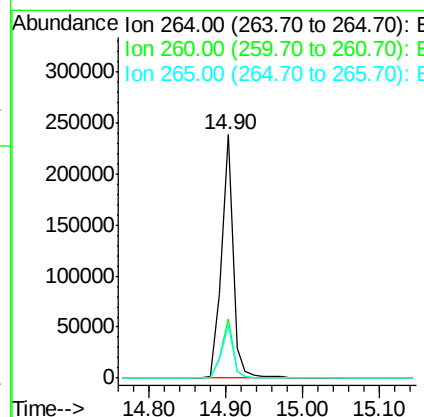
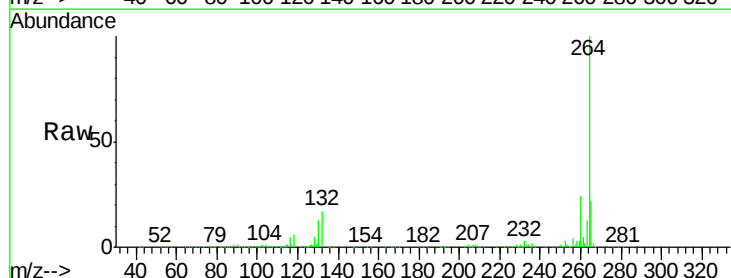
Instrument :
BNA_F
ClientSampleId :
PB93644BS

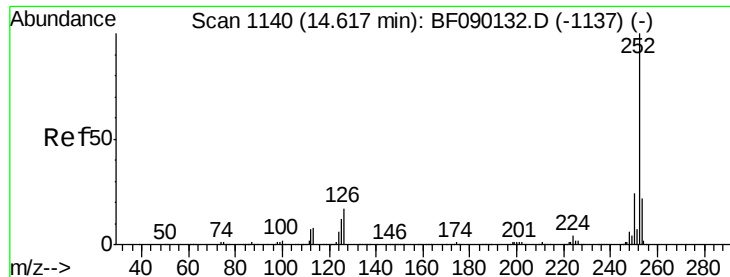
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.9	38.9
277	25.1	19.9	29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 59.19 ng m

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

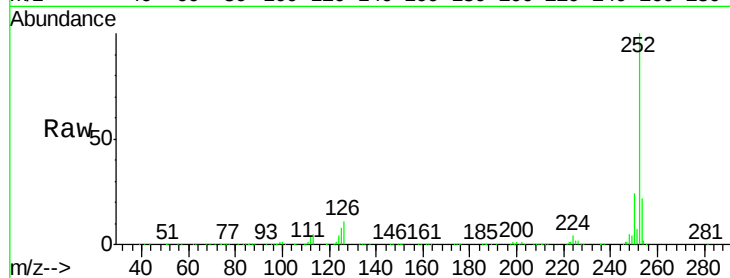
Tot Ion:252 Resp: 831695

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

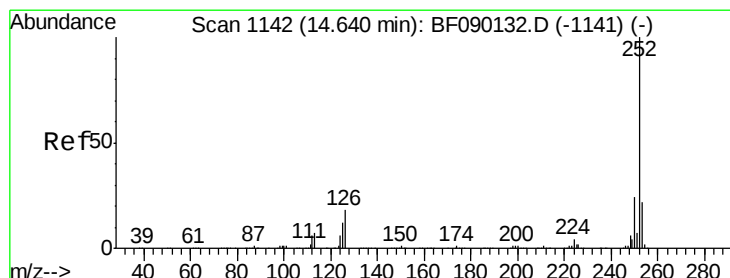
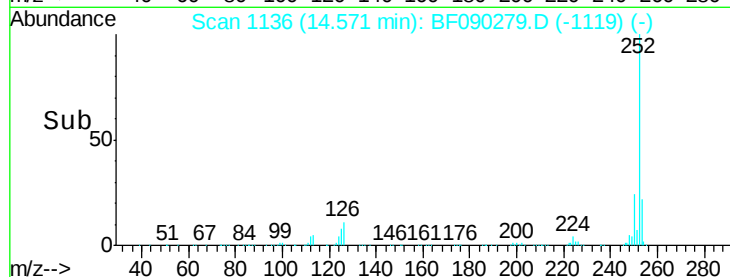
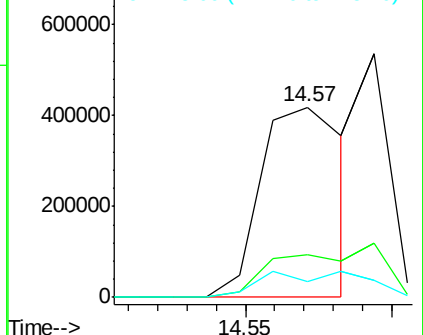
125 8.4 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.60 ng m

RT: 14.59 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

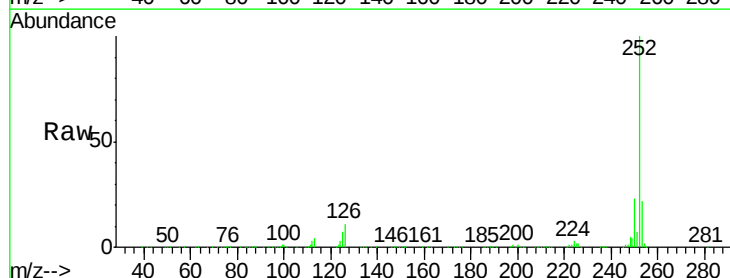
Tgt Ion:252 Resp: 416751

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

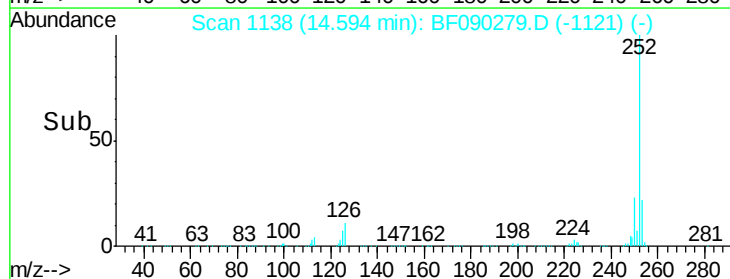
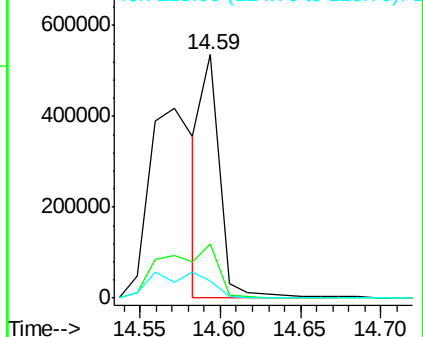
125 7.2 7.8 11.6#

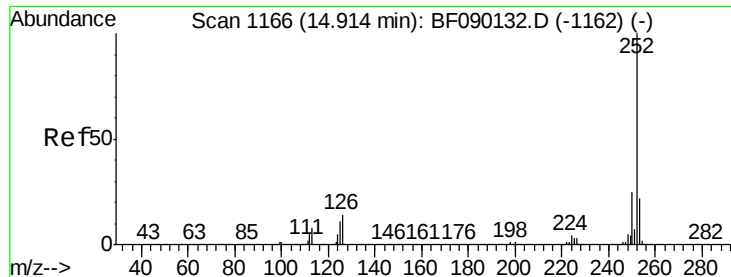


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

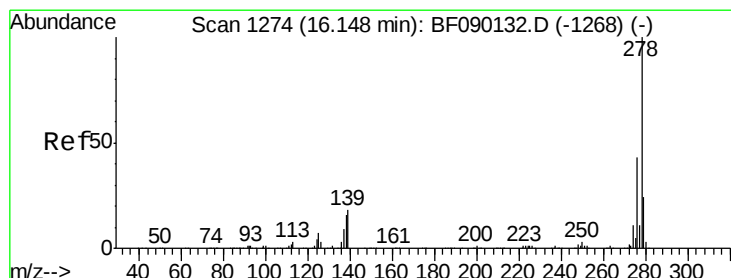
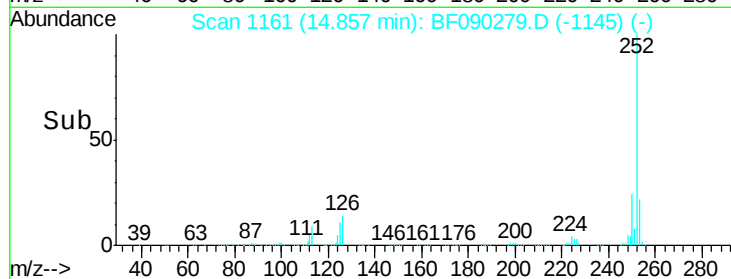
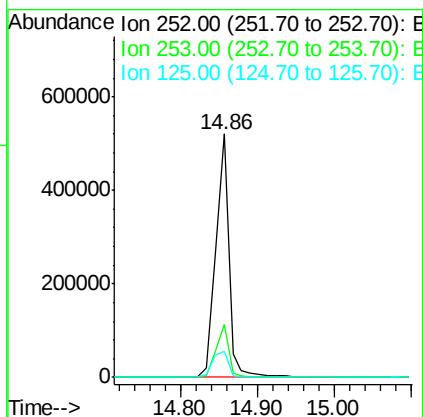
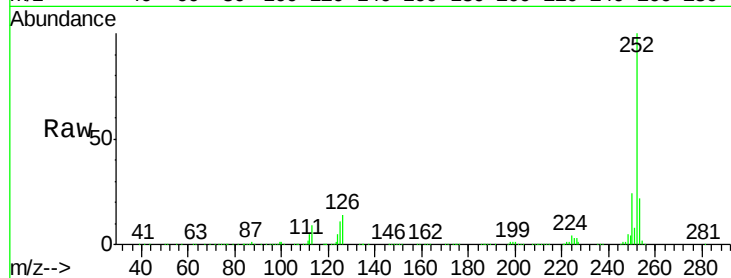




#89
Benzo(a)pyrene
Concen: 46.33 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

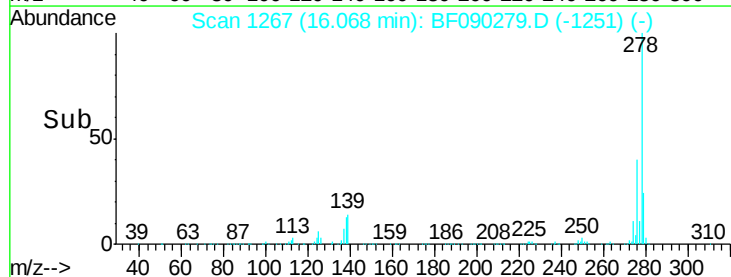
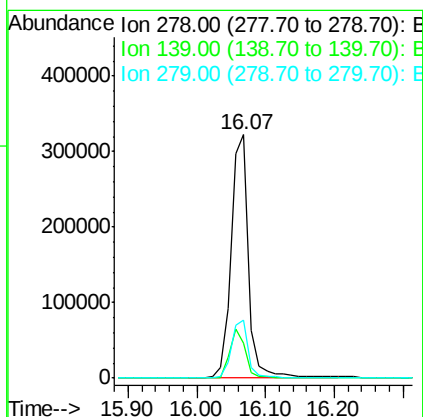
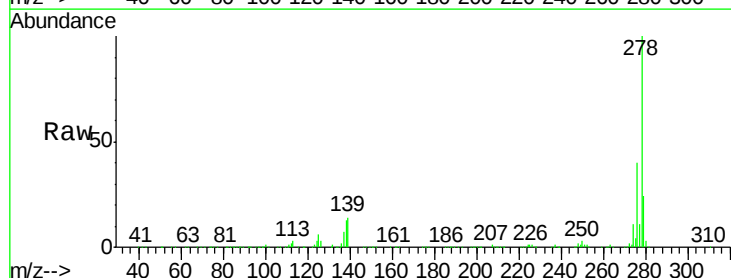
Instrument :
BNA_F
ClientSampleId :
PB93644BS

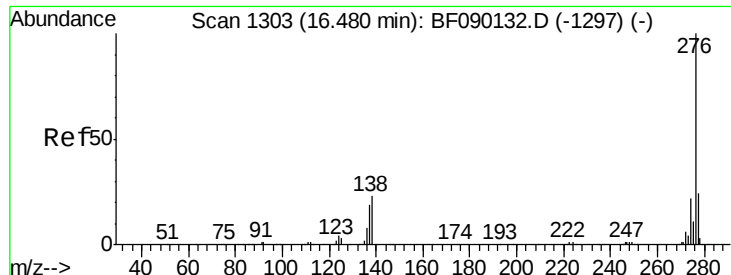
Tot Ion:252 Resp: 612312
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.8 7.7 11.5



#90
Dibenzo(a,h)anthracene
Concen: 56.32 ng
RT: 16.07 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF090279.D
Acq: 28 Sep 2016 14:40

Tgt Ion:278 Resp: 580873
Ion Ratio Lower Upper
278 100
139 14.3 14.6 21.8#
279 23.9 18.8 28.2





#91

Benzo(a,h,i)perylene

Concen: 55.54 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF090279.D

Acq: 28 Sep 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB93644BS

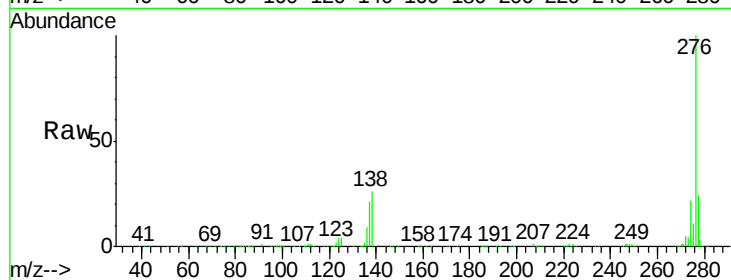
Tot Ion:276 Resp: 560741

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 25.8 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

